

"KEEP YOUR PRODUCT ON WHEELS"

LANSING COMPANY

Main Office & Plant: Lansing, Michigan

ESTABLISHED 1881

"KEEP YOUR PRODUCTS ON WHEELS"

LANSING COMPANY

CATALOG NO. 14

Main Office and Factory:

LANSING, MICHIGAN

EASTERN FACTORY: POUGHKEEPSIE, N. Y.

Warehouses:

NEW YORK	-	BOSTON	-	PHILADELPHIA	-	CHICAGO
		MINNEAPOLIS	-	KANSAS CITY		
		SAN FRANCISCO	-	LOS ANGELES		

Est. 1881

FOREWORD

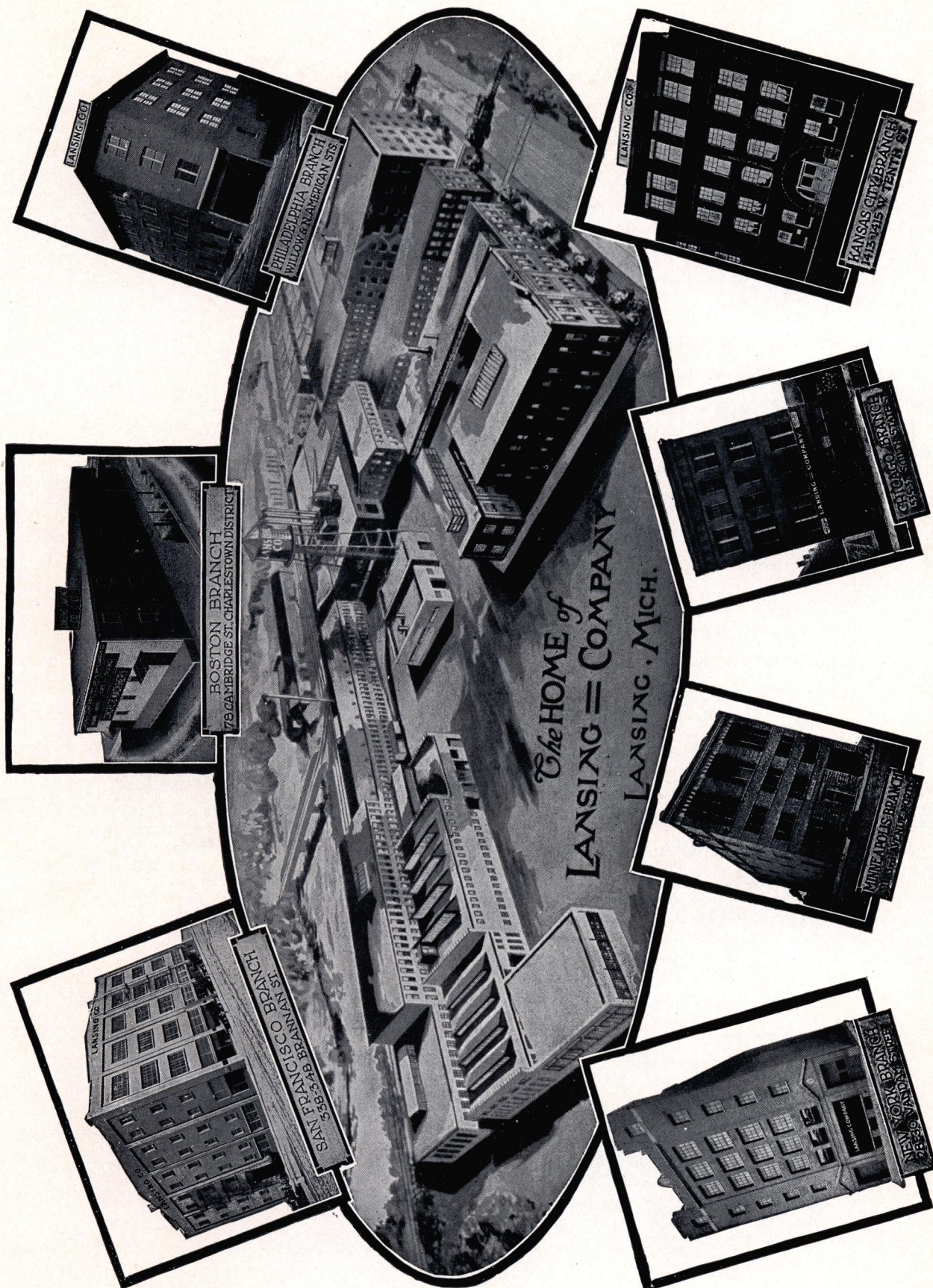
The Lansing Company, established in 1881, is the oldest and largest manufacturer of Wheelbarrows, Warehouse Trucks, Concrete Mixers, etc., in the United States.

This Catalog No. 14 illustrates the various standard articles that we manufacture and carry in stock at Lansing, Michigan, Poughkeepsie, New York, and in our eight warehouses in various parts of the country. The strategic location of our factories and the several branches assure our customers of a constant source of supply and satisfactory delivery.

In addition to the standard articles shown in this catalog, we are also in position to design and manufacture special articles to meet any requirements.

All weights published in this catalog are approximate.

All specifications in this catalog are subject to change without notice.



TELEGRAPH CODE

When and how did you ship? - - - - -	Coronet
When and at what price could you ship? - - - - -	Corsair
Referring to our letter of..... - - - - -	Coruscate
Referring to your letter of..... - - - - -	Cormorant
Quote lowest price and best terms - - - - -	Crosby
How soon can you ship? - - - - -	Bedazzle
Send as soon as possible by rail - - - - -	Cumberland
Send as soon as possible by express or parcel post - - -	Constitution
Enter order your quotation of..... - - - - -	Agility
Please reply by telegraph - - - - -	Babylon
Please reply by mail - - - - -	Bancroft
With rubbered wheels - - - - -	Rubbered
Can ship.....days from receipt of order - - - - -	Cornucopia
Material all made, cannot cancel - - - - -	Alpine
Material referred to was shipped..... - - - - -	Altitude
See our letter of today, giving full particulars - - - -	Admiral
Write us today when you will ship - - - - -	Coulter
Ship by Parcel Post - - - - -	Avast
Ship by Express - - - - -	Ballot

 Each article has a cipher for convenience in ordering by wire or otherwise.

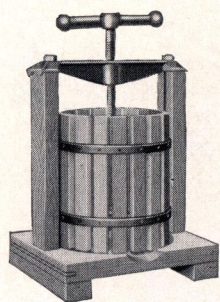


Fig. 00

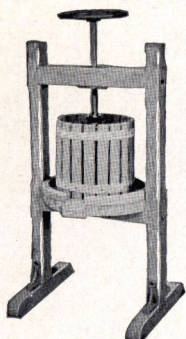
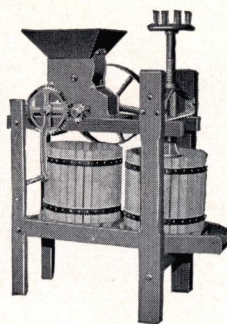
Fig. 810
No. 0

Fig. 813

The Medium Cider Mill is one of our best sellers and can be operated by hand or the pulley can be used in connection with a belt.

Code, Jerk. Wt. 235 lbs.

Made of Michigan hardwood. All parts are extra heavy. Screws have square threads and cannot be stripped.

No.	Diameter of Cylinder	Height of Cylinder	Height of Standard	Diameter of Screw	Weight Pounds	Capacity Quarts	Code
00	9 in.	9½ in.	16½ in.	7/8 in.	21	7	Jab
0	9½ in.	9½ in.	34 in.	7/8 in.	47	8	Jag
1	12 in.	11 in.	37 in.	1¼ in.	70	14	Jade
2	14 in.	14 in.	47 in.	1½ in.	146	20	Jamb
3	16 in.	15 in.	49 in.	2 in.	230	30	Jaw

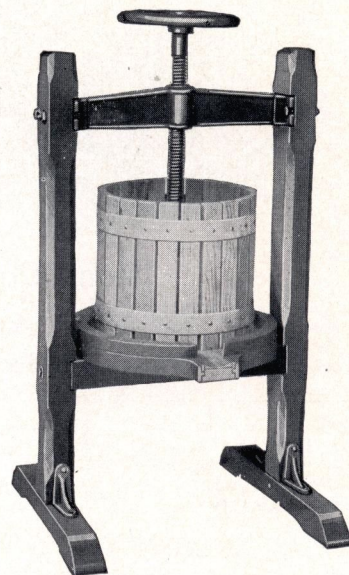


Fig. 811

No. 1, 2, 3 Press

Hand Carts

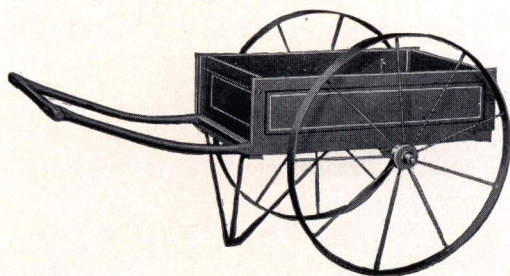


Fig. 3

No.	Cipher	Diam. of Wheels	Diam. of Axle	Size of Box Outside	Depth of Box	Weight Each
00	Bandage	42 in.	1 in.	54x36 in.	10 in.	180 lbs.
0	*Badger	42 in.	1 in.	48x28 in.	10 in.	100 lbs.
1	*Balcony	36 in.	7/8 in.	40x23 in.	10 in.	90 lbs.
2	*Ballast	30 in.	7/8 in.	32x20 in.	9 in.	80 lbs.

*Carts are shipped with 1-inch tread wood wheels unless otherwise ordered.

Carts of this kind are popular with painters, carpenters, bill posters, masons, etc. They find these are ahead of anything else for carrying tools and light material. Farmers, too, use them to good advantage about the orchard or garden. Handles on carts Nos. 0, 3 and 6 are not bent.

Hand Cart—With Third Wheel

The third wheel is designed for use in cities to assist in crossing curbs.

Any cart can be equipped with third wheel if desired.

Either Wood, Steel or Rubbered Wheels Can Be Furnished on These Carts

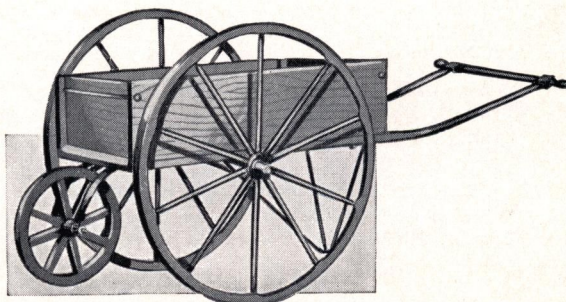


Fig. 4

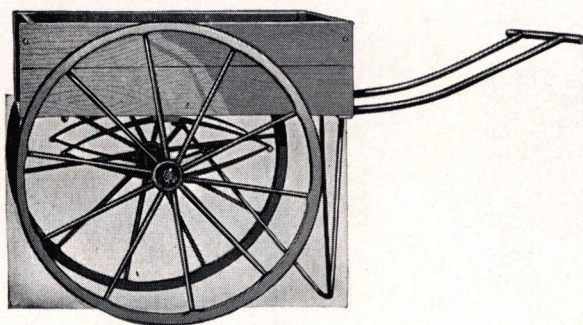


Fig. 5

Hand Cart

With Wagon Seat Springs

(Box easily adjusted)

No.	Cipher	Size	Diameter Wheel
6	*Barebone	Same as No. 0	36 in.
7	*Beaver	Same as No. 1	30 in.
8	*Beetle	Same as No. 2	30 in.

*Carts are shipped with 1-inch tread wood wheels unless otherwise ordered.

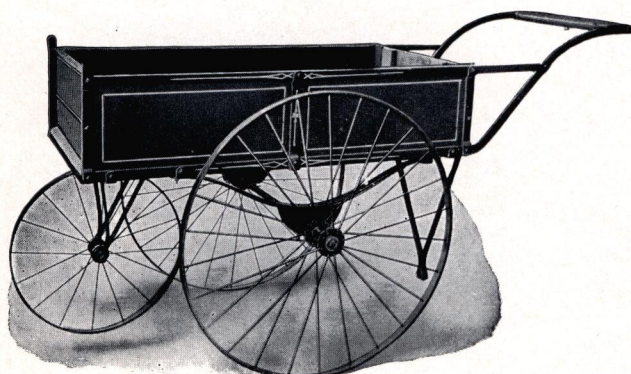


Fig. 177

The Knickerbocker Delivery Cart

A Full Steel Frame. Nicely Painted and Striped

Wheels do not project above box. Load can be laid on top of, as well as inside of box. Leg folds up to handle when desired. Steel wheels, 30 inches in diameter. Depth of box, 10 inches.

No. 21. Size of box inside, 26x40 inches.
Weight, 106 pounds.
Cipher, Kersey.

No. 22. Size of box inside, 20x40 inches.
Weight, 95 pounds.
Cipher, Knicknack.

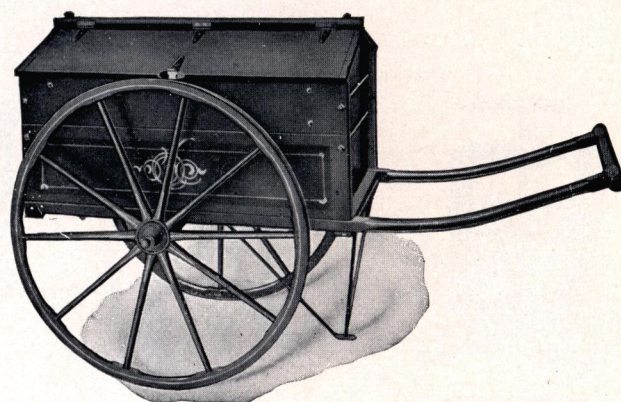
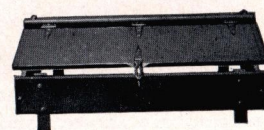


Fig. 641



Hand Cart with Cover

This is our No. 1 cart, fitted with a removable cover, making an exceedingly handy rig for tools. Specially adapted for telephone, telegraph, electric, gas and water companies. Size of box, 40 inches long, 23 inches wide, 10 inches deep, (cover depth extra); 36-inch wheels; 1-inch tread. Weight 130 pounds.

Cipher, Affable.

The Knickerbocker Delivery Cart

With Drop End Gate

Fitted with 30-inch wheels.

No. 11. Size of box 40x26 inches; 10 inches deep.
Cipher, Koran.

No. 12. Size of box, 20x40 inches; 10 inches deep.
Cipher, Kitten.

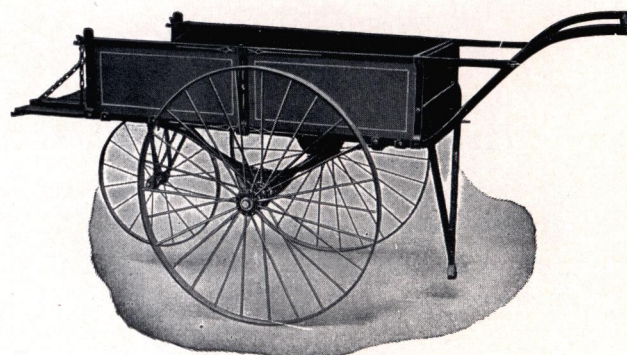


Fig. 18

Either Wood, Steel or Rubbered Wheels Can Be Furnished on These Carts

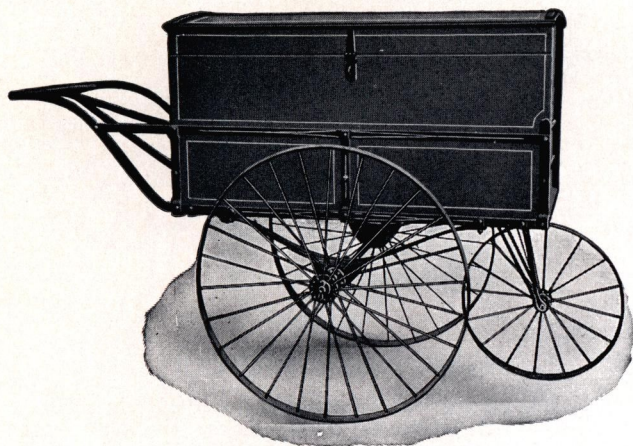


Fig. 179

No. 42. Knickerbocker Laundry Cart

30-inch steel wheels.

All steel frame.

Size of cart, 20 inches by 40 inches by 21 inches deep.

Nicely finished.

Name painted on side, if so desired, at small additional charge. Weight, 130 lbs.

Cipher, Laundry.

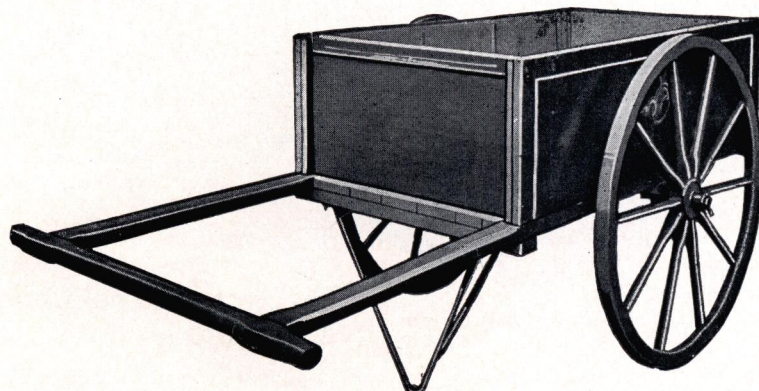


Fig. 814

Parcel Post Cart

Designed particularly for handling parcel post matter. Inside dimensions, 48 inches long, 28 inches wide, 15 inches deep. Wheels, 36-inch diameter. Weight, 200 pounds.

Length overall, 82 inches.

Width overall, 48½ inches.

Axle, 1½-inch round.

Cipher, Post.

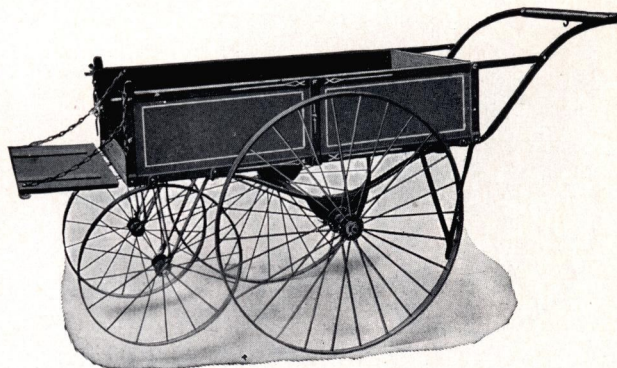


Fig. 38

No. 31. Knickerbocker Cart

Two front wheels, 18 inches in diameter.

Large wheels, 30 inches in diameter.

Size of box, 26 inches by 40 inches, 10 inches deep. Nicely painted, varnished and striped.

All steel frame. Weight, 115 pounds.

Cipher, Kicker.

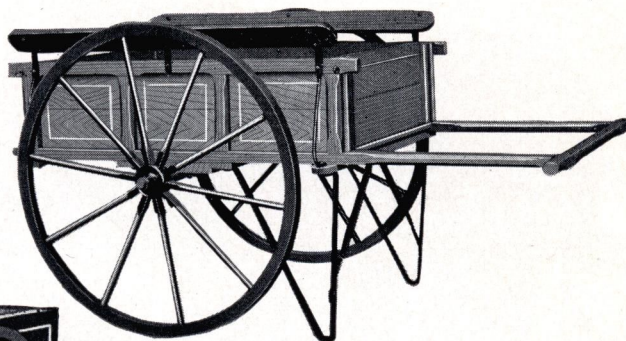


Fig. 13

Heavy Push Cart

The Hand Carts Nos. 0 to 8 are strong enough for all ordinary work, but for some purposes a very heavy cart is needed. We show one above. Box inside, 33x45 inches, 12 inches deep. Wings, 4 inches wide. Wheels, 42 inches diameter, 1½-inch tread, heavy hubs; axles, 1⅜ inches round. Turned bearings. Cart painted two coats, vermillion and green, striped and varnished. Weight, 205 pounds.

Cipher, Bower.

Either Steel, Wood or Rubbered Wheels Can Be Furnished on These Carts

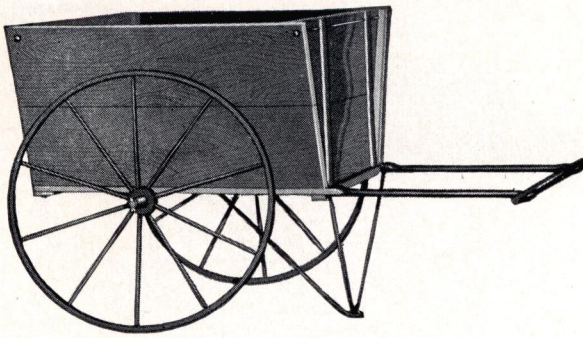


Fig. 16

Lawn Cart

Box, 48x28 inches; 24 inches deep and flaring; 34 inches wide at top. 30-inch wheels. A cart with very deep box designed for use in carrying leaves and other light material. Nicely painted green and vermillion, striped and varnished. Weight, 120 lbs.

Cipher, Lawn.

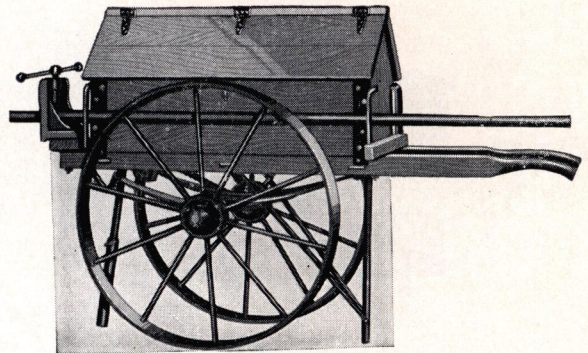


Fig. 352

Gas Fitters' Tool Cart

This is a strong and substantial cart designed to carry gas fitters and plumbers' tools. Large enough to hold shovels and picks and high enough to hold lanterns. Both sides of roof are hinged.

The side braces form convenient receptacles for carrying pipes. About eight pieces of 1¼-inch pipe can be carried at a time. A vise rest is provided so that cart can be used as a vise bench. The box is made of hardwood. Extra heavy wheels, 36 inches in diameter. Vise is not furnished.

Box, 24x48 inches, 14 inches deep at sides. Weight, 340 pounds.

Cipher, Gasfitter.

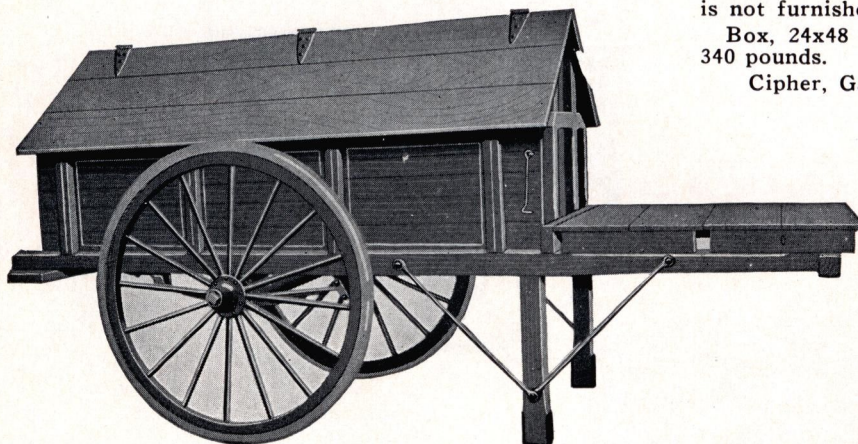


Fig. 643

Contractors' Tool Cart

(Wood)

For contractors, asphalt companies, public works, park departments, gas, electric, telephone, water companies, etc. Just the thing for storing and locking up tools over night.

Length over all, 10 feet 5 inches; length of box or body outside, 82½ inches; width over all, 58½ inches; width of box or body outside, 34½ inches; wheels, 42 inches, tires, 1½x3½ inches; axle, 1½ inches square; height of box at side, 20 inches; height of box at center, 30 inches. Weight, 675 pounds.

Cipher, Gasometer.

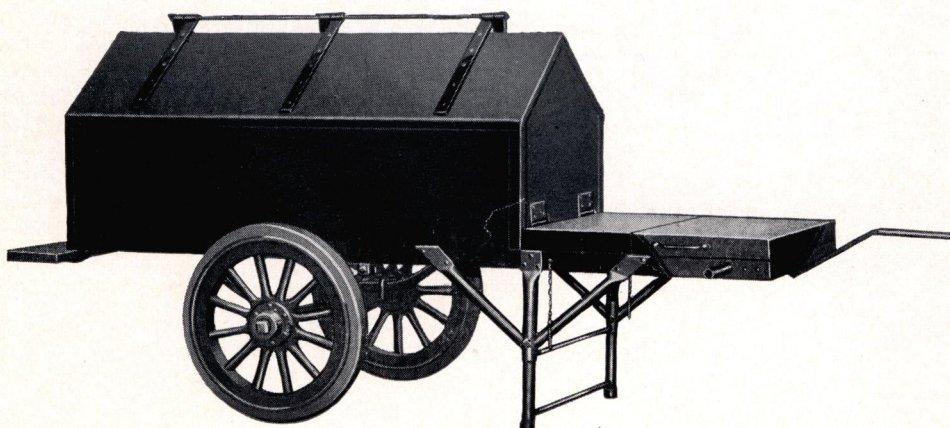


Fig. 901

Contractors' Tool Cart

(Steel)

Body of this cart is made of 14 gauge sheet steel. Frame is 3-inch channel; length overall 12 ft. 4 in.; width overall, 51 inches; length of box inside, 6 ft. 6 in.; width of box inside, 2 ft. 9 inches; height of box at sides, 19 in.; height of box at center, 32 in. Box is mounted on heavy springs. Axle, 1½ in. square. Wheels are equipped with 32x3½-inch Industrial rubber tires, and Hyatt bearings. Weight, 1,285 pounds.

Cipher, Gaslight.

Either Steel, Wood or Rubbered Wheels Can Be Furnished on These Carts

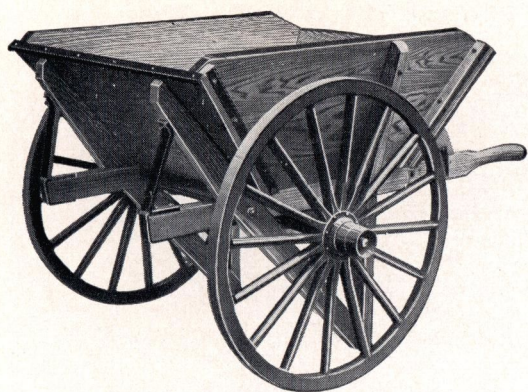
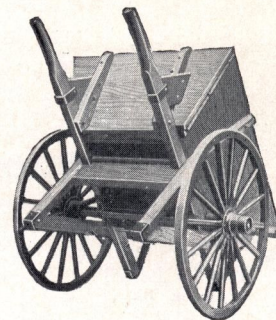


Fig. 438

Lansing Fertilizer Cart

With Sarven Patent Wheels

"Sturdier Than the Oak
from Which It Is Made"



The material used in its manufacture is selected Michigan hardwood. Lumbermen will tell you there is no better wood to be had for long service. The wheels are the Sarven type—the strongest and most durable wheels on the market. The axle on the Lansing Cart, a lamentably weak feature of many, is of a size sufficient to carry a maximum load, operating under the most adverse conditions. Constructed upon scientific principles, the box of the cart hangs just right and is thoroughly braced.

Box is 36x46½ inches on top, 22x24 inches on bottom; sides 18 inches deep, inside measurements. Sarven wheel, 36 inches diameter; tread, 1½ inches; axle, 1⅜ inches. Capacity, 10 cubic feet.

Weight, 240 pounds.

Cipher, Tarantula.

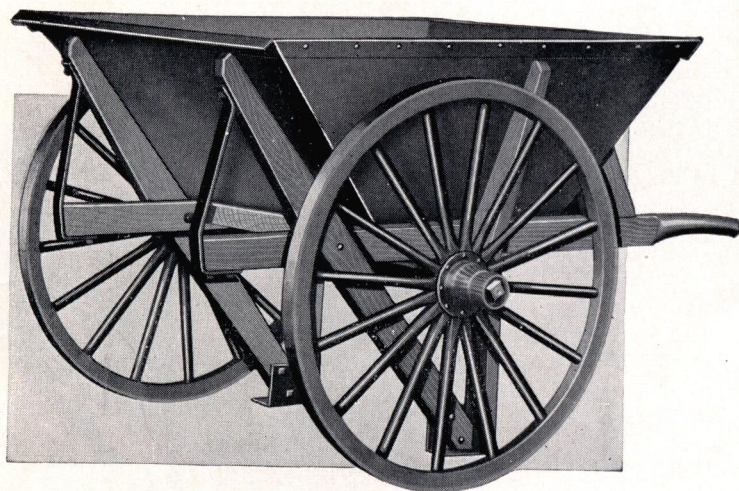


Fig. 902

Fertilizer Cart

With Steel Box—Sarven Patent Wheels

In many cases a Steel Cart is better suited than a Wood one.

Body 48 inches long at the top, 40 inches wide at the top, 25¾ inches long at the bottom, 24 inches wide at the bottom, 17¾ inches deep.

Body made of No. 12 Gauge Sheet Steel and all seams are welded.

Top edge of body bound with 2x¼ inch iron band.

Legs have a 3x4 inch angle iron shoe.

Axle, 1⅜ inches square.

Wheels, 36-inch Sarven type, 1½-inch face, tire ¼-inch thick. Weight, 300 pounds.

Cipher, Tantrum.

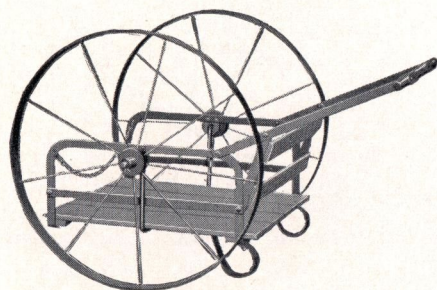


Fig. 760

Lansing Handy Farm Cart

"Handier Than a Hired Man"

Will Carry 800 Pounds

Farmers, milk dealers, commission merchants—anyone needing a light, low-down rig—will find the Lansing Handy Farm Cart a profitable investment.

This cart is well built, of the best material and nicely finished. The wheels are of steel, with 2-inch tires and 9 spokes. The axles and framework are of steel, strong enough to carry a heavy load. A more useful implement for a farm would be difficult to find. Is used for handling dairy milk cans, barrels of feed and water, ensilage, fodder, and for general carrying purposes.

Platform, 28x32 inches; 36-inch wheels. Weight, 95 pounds.

Cipher, Tragedy.

Either Steel, Wood or Rubbered Wheels Can Be Furnished on These Carts



Fig. 162

Leaf Rack Attachment for Water Cart

This rack will be found extremely convenient for the cartage of leaves, cut grass from the lawn, etc.

Knocks down *flat*, taking very little room for storage.

Size at top, 36½x41 inches; size at bottom, 23x38 inches; depth, 22½ inches.

Cipher for Complete Cart, Blame.

Cipher, rack only, Blameless.

Water or Barrel Cart

These carts are used in large numbers by gardeners, as well as by manufacturing establishments.

As the cart is not permanently attached to the barrel, any number of ordinary oil barrels can be used. In using, the barrel is raised from the ground, carried to the place desired and *instantly detached, all without handling*. The weight being balanced over the axle, no lifting pressure or down pressure is needed in transportation. The trunnions can be readily attached to all oil or spirit barrels, thus increasing indefinitely the value of the cart.

Frames shown in Figs. 6 and 7 are the same. Width over all about 40 inches; length over all about 70 inches. Fitted with wood wheels, 30 inches in diameter, 1½-inch tread. It will be noticed that a large number of combinations can be made.

A list of the ones usually desired are given below. Weight, 150 pounds.

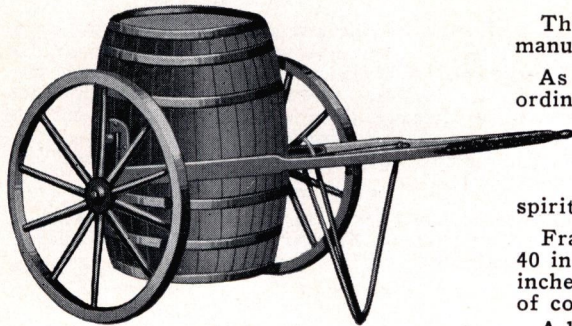


Fig. 6

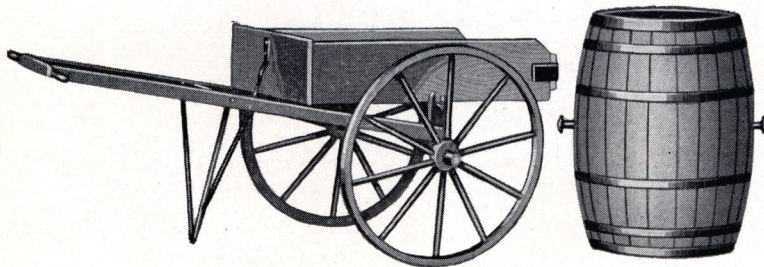


Fig. 7

Water or Barrel Cart—With Box

Description	Cipher
Water Cart Fig. 6, no box or barrel (frame only).....	Blackfish
Water Cart, Fig. 6, with barrel (no box)	Blackberry
Water Cart Fig. 7, with box (no barrel)	Blackbird
Water Cart Fig. 7, with box and barrel	Blackball
Water Cart Fig. 6, no box, with barrel and sprinkler..	Blackleg

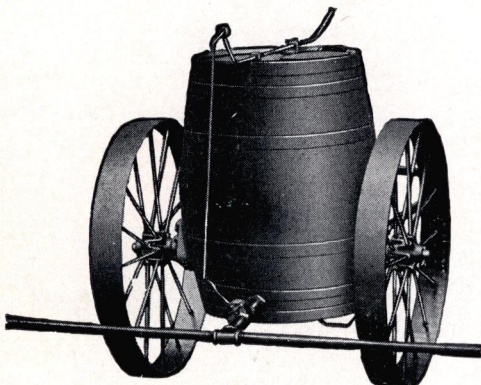


Fig. 903

Golf Sprinkling Cart

A 50-gallon Cart for applying sulphate of ammonia, worm eradicators and all fertilizers in liquid form.

Has a brass valve with flow and shut-off rod in rear.

Sprinkler arm 6 feet long, holes 1 inch apart.

Staggered spoke wheels, 32 inches diameter with 4-inch tires.

Nicely finished. Weight, 260 pounds.

Cipher, Blackboard—

**Lansing
Company
Products**

Since
1881

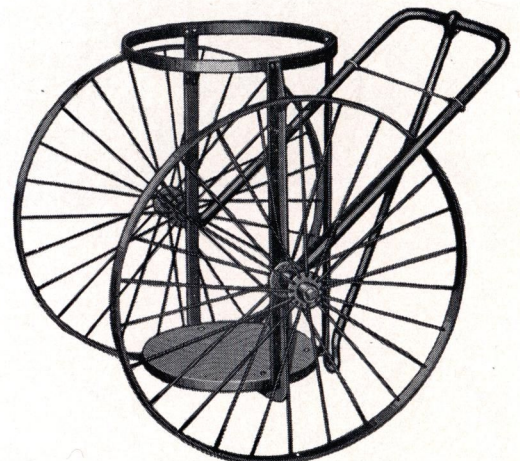


Fig. 248

Street Cleaner's Cart

For Use with Bag or Can

A simple device used in many cities for collecting refuse from the streets. The frame is very strong, being made of angle steel. Handles of pipe. Diameter of wheel, 30 inches. Weight, 65 pounds.

Cipher, Lavender.

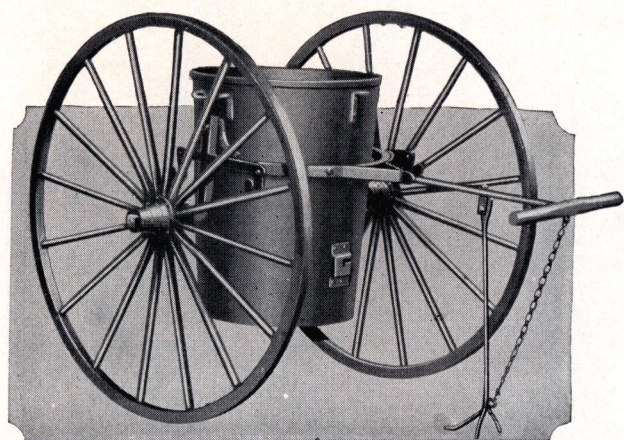


Fig. 904

Wayne Street Cleaner's Cart

This high class cart is being used by some of the larger cities.

The metal can is removable and measures 24 inches in diameter and 30 inches in depth.

Wheels are of the Sarven type, 48-inch diameter, 1 $\frac{3}{8}$ -inch face.

The legs can be swung up out of the way when cart is being pushed.

Weight, 190 lbs.

Cipher, Wayne.



Fig. 910

Lanco Water Ballast Roller

Can be filled with water or sand. Edge of drum rounded to prevent tearing of sod.

Axle runs entirely through the roller and is equipped with Hyatt Roller bearings. Plain bearing also furnished.

Handle is of Channel Iron, electrically flow welded.

Drum roller made of 12 gauge steel and drum end of 10 gauge, electrically flow welded.

These rollers can also be furnished with clean-off bar or scraper.

INSERT SHOWS
ROLLER
WITH SCRAPER

Sizes	Cipher	Weight Empty	Filled with Water
14"x24" Plain Bearing	Abet	50 lbs.	175 lbs.
14"x24" Roller Bearing	Abuse	54 lbs.	178 lbs.
18"x24" Plain Bearing	Abut	68 lbs.	273 lbs.
18"x24" Roller Bearing	Ache	73 lbs.	278 lbs.
24"x24" Plain Bearing	Action	100 lbs.	460 lbs.
24"x24" Roller Bearing	Actual	110 lbs.	470 lbs.
24"x32" Plain Bearing	Adieu	115 lbs.	610 lbs.
24"x32" Roller Bearing	Adjoin	120 lbs.	615 lbs.

Golf Cart

The 10-inch Crown Wheels are ideal for handling a heavy load on wet or sandy soil. For use behind tractors.

Capacity, 30 cubic feet.

Box, 44 inches wide, 52 inches long, 12 inches deep.

Wheels, 36 inches in diameter.

Over all width, 69 inches.

Weight, 650 lbs.

Cipher, Ideal.

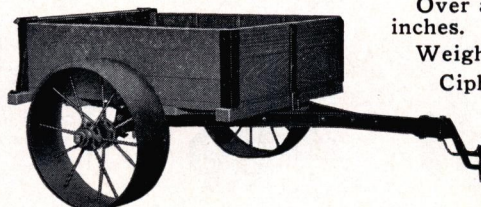
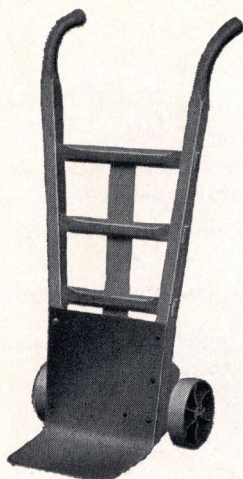
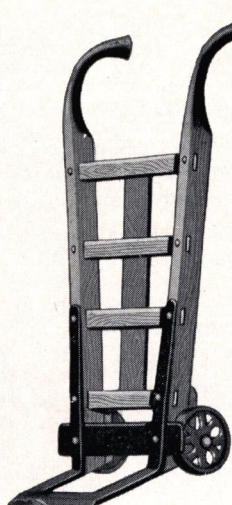
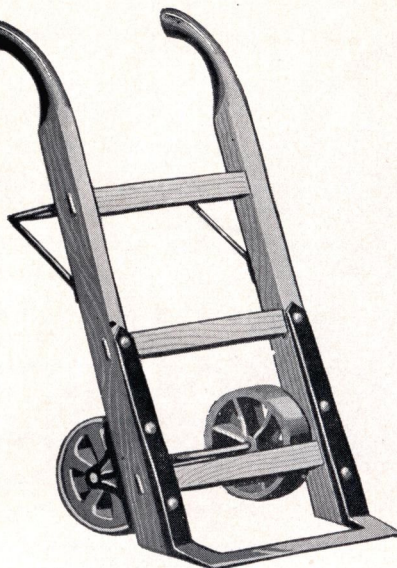
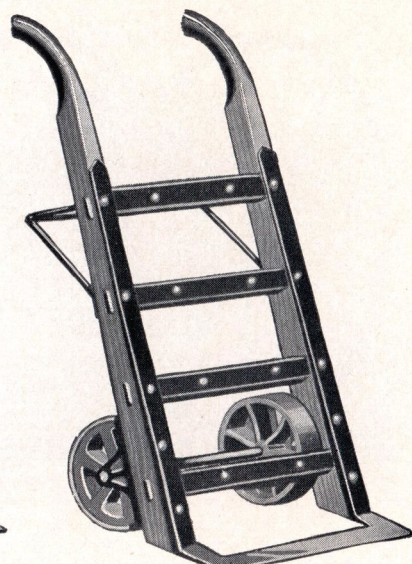


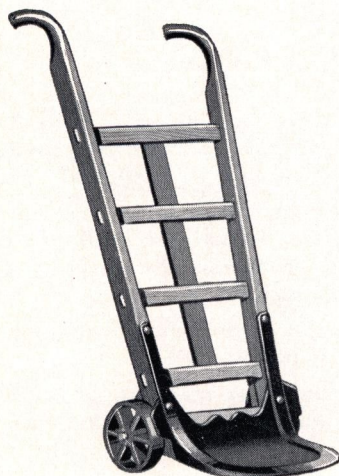
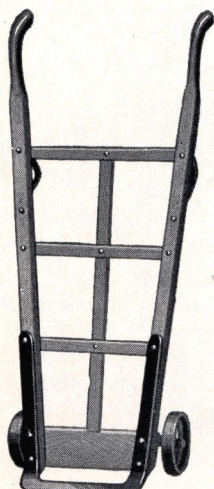
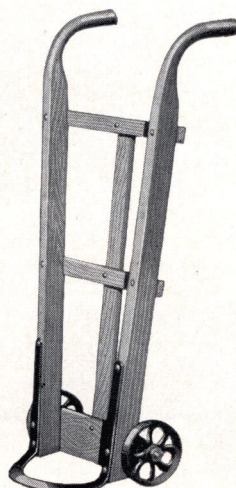
Fig. 934

BREISCH
Fig. 793MINNEAPOLIS
Fig. 37

HALF BOUND Fig. 30



FULL BOUND Fig. 31

HEAVY
Fig. 41NO. 50
Fig. 50LANSING
Fig. 46DANDY
Fig. 441

Steel Nose Store and Warehouse Trucks Western Pattern

Nos. 0, 1, and 21 have three cross bars, others, four.
These trucks are firmly bolted together and have forged
axles with turned bearings and steam bent handles.

DIMENSIONS

No.	Cipher for Iron Wheel Trucks	Description	Wt. Lbs.	Length of Handles, Inches	Diam. of Wheels, Inches	Width, Inches	Length of Nose
0W	Saber	Half Bound, Fig. 30	32	42	6	18	4
1W	Sally	Half Bound, Fig. 30	43	48	7½	19	4
2W	Scamp	Half Bound, Fig. 30	60	50	8½	20	4
3W	Saloon	Half Bound, Fig. 30	77	56	9½	22	5
4W	Saturn	Half Bound, Fig. 30	110	60	10½	24	5
21W	Sash	Full Bound, Fig. 31	50	48	7½	19	4
22W	Satan	Full Bound, Fig. 31	68	52	8½	20	4
23W	Sago	Full Bound, Fig. 31	87	56	9½	22	5
24W	Sailor	Full Bound, Fig. 31	115	60	10½	24	5

Bag Trucks

DIMENSIONS

	Cipher for Iron Wheel Trucks	Wt. Lbs.	Length of Handles Inches	Diam. of Wheels Inches	Width at Nose	Length of Nose
Dandy Truck	Abandon	19	46	6	11	5
Lansing Truck	Abash	30	46	6	12	4
Heavy Bag Truck	Advent	60	48	7½	15	8
No. 50 Bag Truck	Adverb	19	42	6	11¼	5
Minneapolis Bag Truck	Affix	40	48	7½	11¼	8½
Breisch Bag Truck	Breisch	45	42	7½	12½	8¼

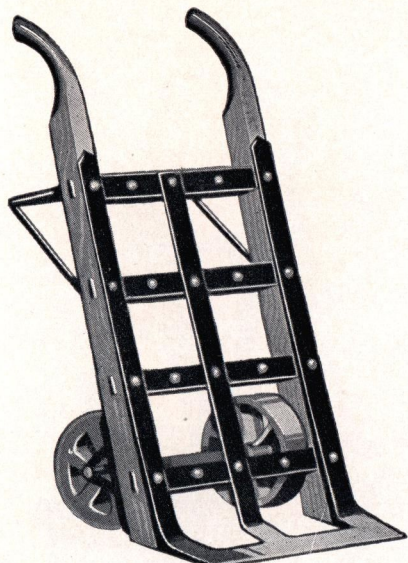


Fig. 32

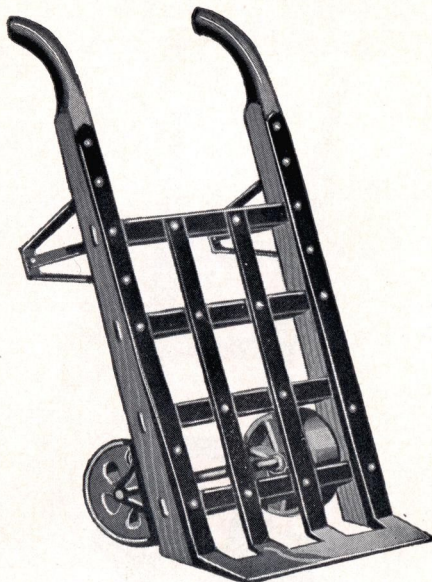


Fig. 439

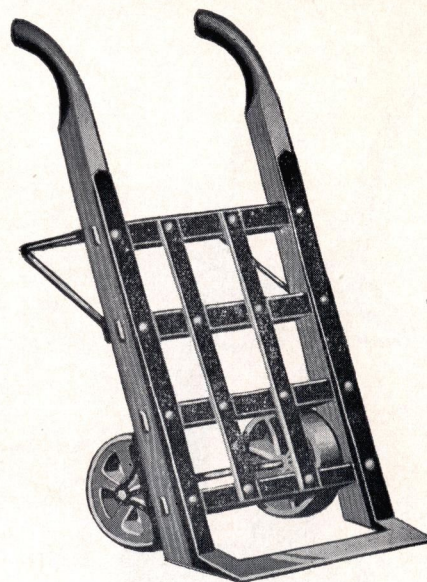


Fig. 33

Steel Nose Railroad and Steamboat Trucks

Western Pattern

All our Trucks have Steel Noses, Forged Axles and Turned Bearings
Extra Heavy, Full Bound

DIMENSIONS

No.	Cipher for Iron Wheel Trucks	Description	Weight, Lbs.	Length of Handles	Diameter of Wheels	Width	Length of Nose
44W	False	One Middle Strap Welded to Nose, Fig. 32	135	60 in.	10½ in.	24 in.	5½ in.
144W	Fastidious	One Middle Strap Welded to Nose, Fig. 32	150	60 in.	12 in.	24 in.	5¾ in.
34W	Fagot	Two Straps in Center, Fig. 33	120	60 in.	10½ in.	24 in.	6 in.
35W	Face	Two Straps in Center, Fig. 33	150	66 in.	12 in.	25 in.	6 in.
4XX	Faction	Two Straps in Center, welded to nose, Fig. 439	144	60 in.	10½ in.	24 in.	5½ in.

These trucks are made extra heavy for depot and dock use, and will stand rough handling. In comparing these with others, take into consideration the *weight* of the trucks.

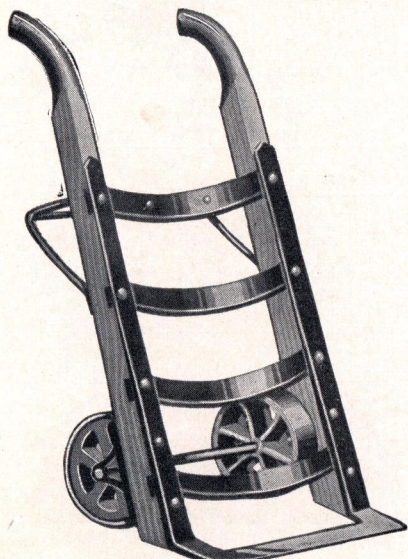


Fig. 34

Barrel Trucks

Western Pattern

With Bent Iron Cross-Bars—Steel Nose

DIMENSIONS

No.	Cipher for Iron Wheel Trucks	Description	Weight, Lbs.	Length of Handles, Inches	Diameter of Wheels, Inches	Width at Nose, Inches	Length of Nose
71W	Festoon	Full Bound, Fig. 34	46	48	7½	19	4
72W	Feudal	Full Bound, Fig. 34	70	50	8½	20	4½
73W	Finger	Full Bound, Fig. 34	90	56	9½	22	5

Steel Nose Trucks

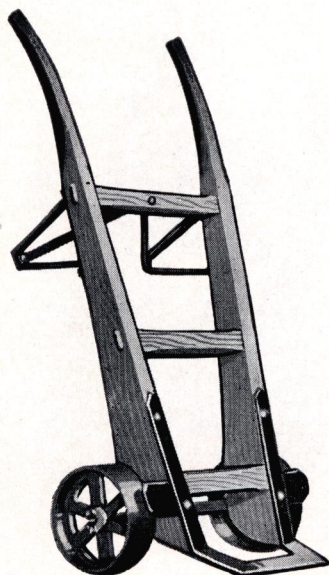


Fig. 35
HALF BOUND
BOSTON PATTERN

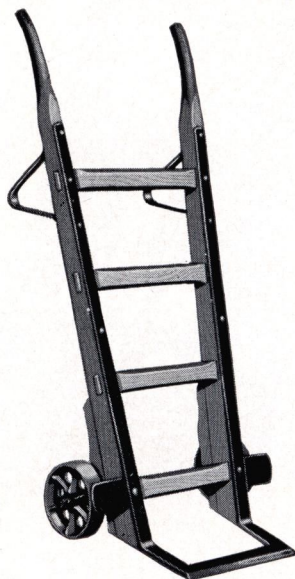


Fig. 172
FULL BOUND
NEW YORK PATTERN



Fig. 700
HALF BOUND
NEW YORK PATTERN

New York Pattern

No.	Cipher	Description	Length of Handle, Inches	Width at Upper Bar, Inches	Width at Nose, Inches	Diameter of Wheel, Inches	Weight, Lbs.	Length of Nose
1 N. Y.	Nabob	Half Bound, Fig. 700	48	17½	13	6	31	6
2 N. Y.	Narcotic	Half Bound, Fig. 700	52	19½	14¼	7	48	6½
3 N. Y.	Nebula	Half Bound, Fig. 700	56	21	15	8	66	6½
4 N. Y.	Nectar	Half Bound, Fig. 700	62	22	15½	10	95	6½
5 N. Y.	Needle	Half Bound, Fig. 700	63	22	17½	10½	105	6½
6 N. Y.	Negative	Half Bound, Fig. 700	68	23	18¼	12	118	6½
21 N. Y.	Namesake	Full Bound, Fig. 172	48	17½	13	6	33	6
22 N. Y.	Nautilus	Full Bound, Fig. 172	52	19½	14¼	7	49	6½
23 N. Y.	Nectary	Full Bound, Fig. 172	56	21	15	8	67	6½
24 N. Y.	Nectarine	Full Bound, Fig. 172	62	22	15½	10	103	6½
25 N. Y.	Negation	Full Bound, Fig. 172	63	22	17½	10½	107	6½
26 N. Y.	Neighbor	Full Bound, Fig. 172	68	23	18¼	12	122	6½

Boston Pattern

No.	Cipher	Figure	Length of Handles, Inches	Width at Nose, Inches	Width at Upper Bar, Inches	Diameter of Wheels, Inches	Weight, Lbs.	Length of Nose
0 B	Blockhead	35	42	10½	14½	6	30	4
1 B	Blonde	35	45	11½	18	6	38	4½
2 B	Bloodshed	35	54	13½	21	7½	50	4½
3 B	Blowpipe	35	58	14½	22	9½	70	5
4 B	Bottle	35	62	15½	22	10½	100	5
21 B	Bluster	36	45	11½	18	6	45	4½
22 B	Bath	36	54	13½	21	7½	55	4½
23 B	Bristol	36	58	14½	22	9½	80	5
24 B	Boxer	36	62	15½	22	10½	105	5

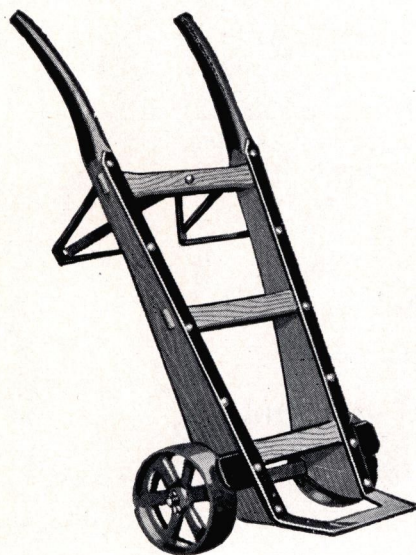


Fig. 36
FULL BOUND
BOSTON PATTERN

These trucks have turned bearings. Wheels bored accurate to size. All parts made to templet and thoroughly bolted together. Made of hardwood throughout.

Barrel Trucks

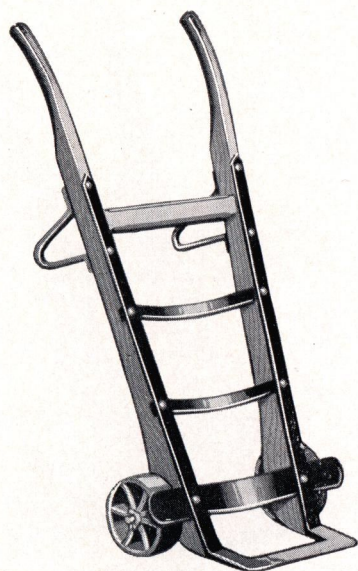


Fig. 67

Barrel Trucks—Boston Pattern

No.	Cipher for Iron Wheel Trucks	Figure	Length of Handles, Inches	Width at Nose, Inches	Width at Upper Bar, Inches	Diameter of Wheels, Inches	Weight, Lbs.	Length of Nose
61	Flounce	67	49	11½	18	6	40	4½
62	Flounder	67	54	13½	21	7½	54	5
63	Flower	67	58	14½	22	9½	77	5
64	Fogy	67	62	15½	22	10½	109	5½

These trucks are firmly bolted together and have forged axles with turned bearings.

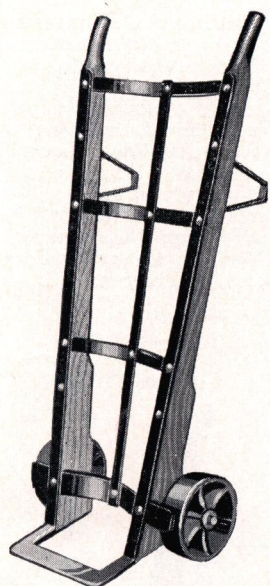


Fig. 249

New York Butter Truck

Full bound, Weight, 74 lbs., length of handles, 54 in.; diameter of wheels, 8½ in.; width of nose, 13 in.; length of nose, 5½ in.

Cipher, Nightingale.

These trucks are firmly bolted together and have forged axles with turned bearings.

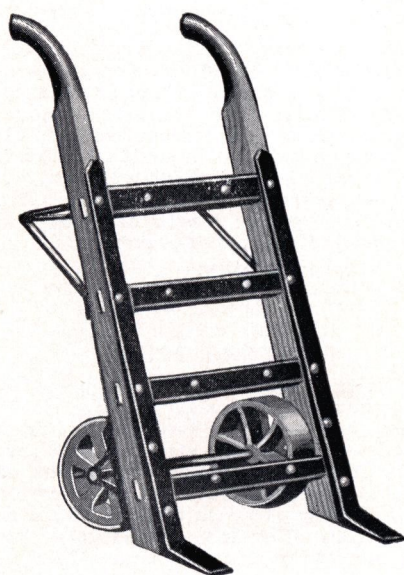


Fig. 43

WESTERN PATTERN COTTON TRUCK

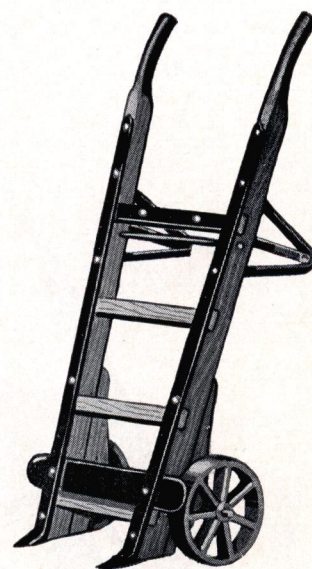


Fig. 163

NEW ORLEANS PATTERN

Cotton Trucks
Extra Heavy, Full Bound

No.	Cipher for Iron Wheel Trucks	Description	Weight, Lbs.	Length of Handles, Inches	Diameter of Wheels, Inches	Width at Nose, Inches	Length of Nose
24C	Aggress	Full Bound, Fig. 43	132	62	12	24	5
25C	Acorn	Full Bound, Fig. 43	143	62	14	24	5
5NO	Frugal	Fig. 163	110	66	12	17¼	5

These trucks are firmly bolted together and have forged axles with turned bearings.

Barrel Trucks

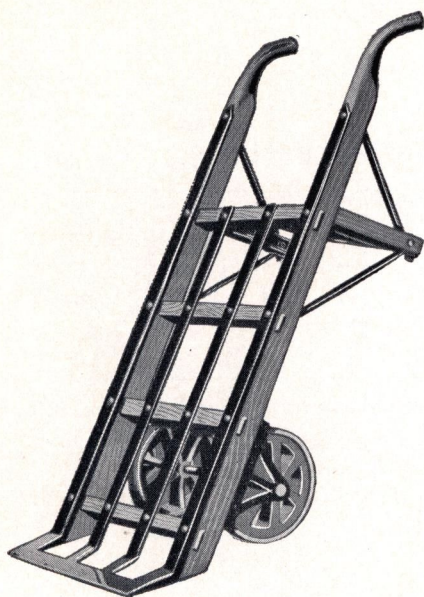


Fig. 45

Feed or Grain Truck

Used in wholesale feed stores and any place where large bags are to be handled and it is impractical to use a four-wheeled truck.

Steel noses, axles turned and wheels bored. Width, 28 inches; length, 76 inches; wheels, 14 inches in diameter; length of nose, 6 inches. Weight, 175 pounds.

Cipher, Feed.

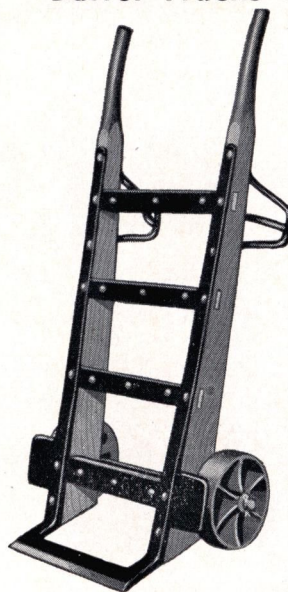


Fig. 631

Chicago Stevedore Truck

Extra heavy; full bound; steel axle; wheels bored; steel cross bar, extending in one solid piece as guards over wheels. Legs and brace welded solid in one piece. Handles, 61 inches; width at nose, 18 $\frac{1}{4}$ inches; at upper bar, 21 inches; wheels, 10 $\frac{1}{2}$ inches in diameter, 3-inch face; axle, 1 $\frac{1}{2}$ -inch square; length of nose, 5 $\frac{3}{8}$ inches. Weight, 140 pounds.

Cipher, Ability.

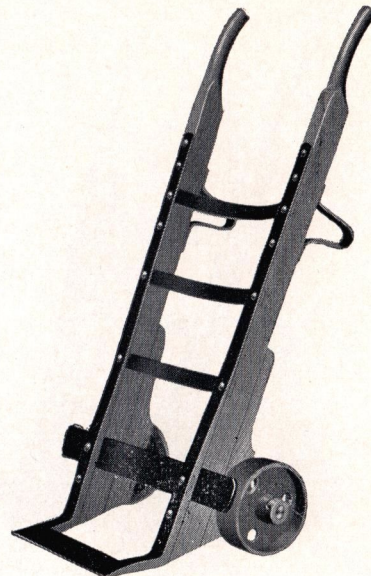


Fig. 49

New York Cargo Truck

A heavy truck popular for use on wharves and at freight stations. Frames made of tough wood; lower cross-bar extends out over wheels, forming a shield; upper cross-bar is doubled, forming a heavy brace for handles. Length of handles, 5 feet; width at nose, 17 inches; width at upper bar, 21 inches; diameter of wheels, 10 $\frac{1}{2}$ inches, with 3-inch face; turned bearings. Weight, 130 pounds. Length nose, 6 $\frac{1}{2}$ inches.

Cipher, Spray.

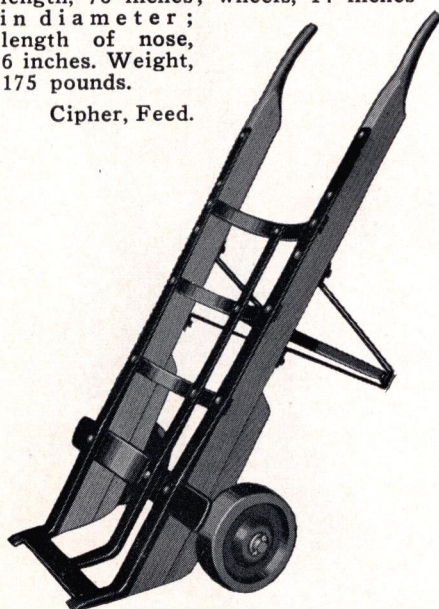


Fig. 953

CARRANO HEAVY DUTY TRUCK

Carrano Truck

A hand truck designed for proper balance regardless of size of bale, is easy rolling and easy to handle. Truck furnished with either straight or curved handles, has nose iron with countersunk bolts to prevent bale wires from catching on truck when bale is dumped; claw nose iron for handling long bales; roller bearings and Zerk fittings; heavy legs with replaceable shoes.

Handles, 64 inches long; width at nose, 17 $\frac{1}{4}$ inches; width at top, 21 $\frac{1}{4}$ inches; length of nose, 5 inches. Wheels, 10x3 inches with 1 $\frac{3}{8}$ square axle.

Same truck can be furnished with 59-inch handles instead of 64-inch.

Cipher, Carrano.

Barrel Trucks

New York Pattern

No.	Cipher	Length of Handles, Inches	Width at Nose, Inches	Width at Upper Bar, Inches	Wheel Diam. Face	Weight	Length of Nose
81	Admit	48	13	16 $\frac{1}{2}$	6 x 1 $\frac{3}{4}$	42	6
82	Admix	52	14 $\frac{1}{2}$	19 $\frac{1}{2}$	7 $\frac{1}{2}$ x 2	52	6 $\frac{1}{2}$
83	Admonish	55	15 $\frac{1}{2}$	21	9 $\frac{1}{2}$ x 2 $\frac{3}{4}$	77	6 $\frac{1}{2}$
84	Admire	62	15 $\frac{3}{4}$	22 $\frac{1}{2}$	10 $\frac{1}{2}$ x 3	115	6 $\frac{1}{2}$
85	Admirable	63	17 $\frac{1}{2}$	23 $\frac{3}{4}$	10 $\frac{1}{2}$ x 3	120	8

These trucks have steel nose, side straps, cross bars and axle; handles of best selected hardwood; axles turned, wheels bored. Woods nicely oiled and varnished. Irons blacked.

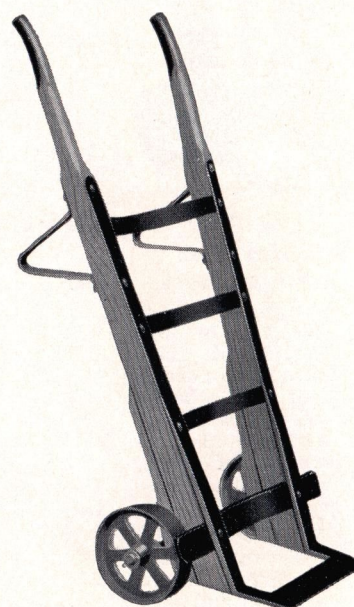


Fig. 638

NEW YORK BARREL TRUCK

Stevedore or Dock Trucks

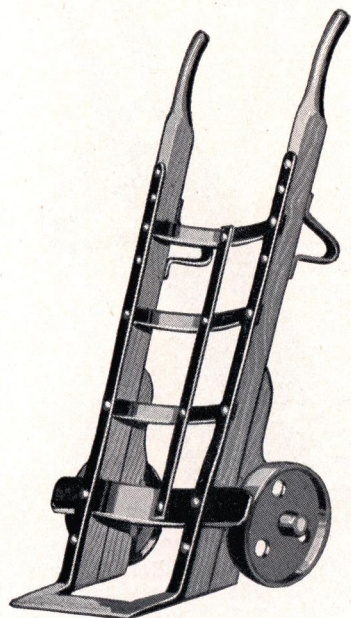


Fig. 652

Similar to our Fig. 49 Cargo Truck but with 12-inch wide tread wheels and heavy center strap riveted to cross-bars. Heavy cast washers and cotter pins; cast-iron axle blocks; bearings turned; trucks nicely balanced; weight, 145 pounds; length of handles, 60 inches; diameter of wheels, 12 inches; $2\frac{1}{2}$ -inch face; width upper bar, $20\frac{1}{2}$ inches; width nose, 17 inches; length nose, $6\frac{1}{2}$ inches.

Cipher, Squall.

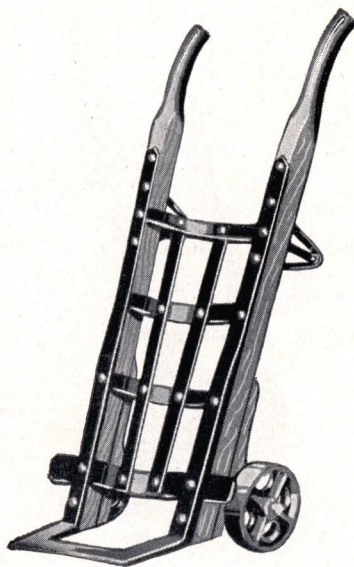


Fig. 653

Fig. 653 is especially adapted to heavy work, either railroad or steamship use. Four heavy curved iron cross-bars, the lower cross-bar forms the wheel guard; two heavy center straps strongly riveted to cross-bar. Length of handles, 66 inches; width at nose, $17\frac{3}{4}$ inches; width at upper cross-bar, $22\frac{3}{4}$ inches. Turned axle $1\frac{1}{2}$ inches square, strongly braced in both directions and resting on a heavy cast axle block. Wheel, 14 inches diameter; weight, 185 pounds. Length nose, $6\frac{1}{2}$ inches.

Cipher, Spy.

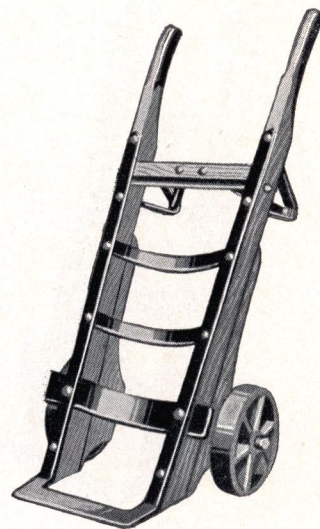


Fig. 660

A very strong truck, built for the heaviest kind of work on steamship docks.

The top bar is of wood, heavily ironed, with a tie rod just below. Length of handles, 72 inches; width at nose, $18\frac{3}{4}$ inches; width at upper cross-bar, $23\frac{3}{4}$ inches; wheels, 14 inches; weight, 225 pounds; length nose, $6\frac{1}{2}$ inches.

Cipher, Star.

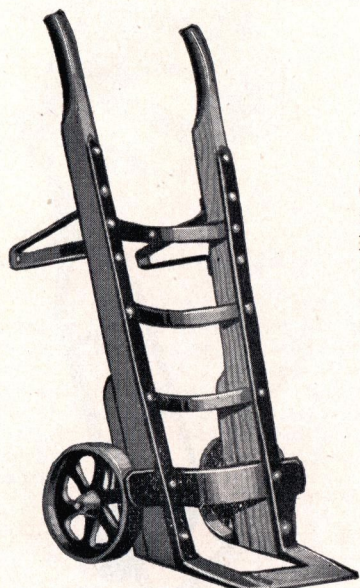


Fig. 734

Fig. 734 is another truck built to stand hard usage. The handles are 60 inches long; nose, $17\frac{1}{2}$ inches wide and 9 inches long; wheels are 12 inches in diameter and have a 3-inch face; weight, 135 pounds.

Cipher, Squire.

Especially designed for the use of transportation companies in handling freight. Wooden legs with heavy iron shoes. Length of handles, $67\frac{1}{4}$ inches; width at nose, $17\frac{3}{4}$ inches; width at upper cross-bar, $21\frac{3}{4}$ inches; wheels, 12 inches diameter; weight, 160 pounds. Length nose, $5\frac{1}{2}$ inches.

Cipher, Stiletto.

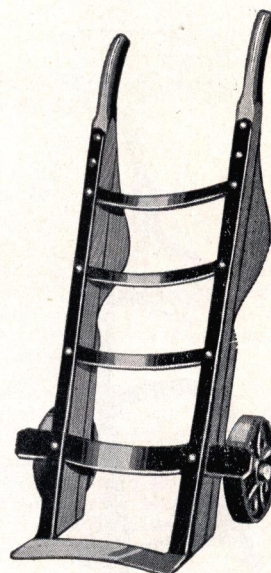


Fig. 671

Stevedore or Dock Trucks

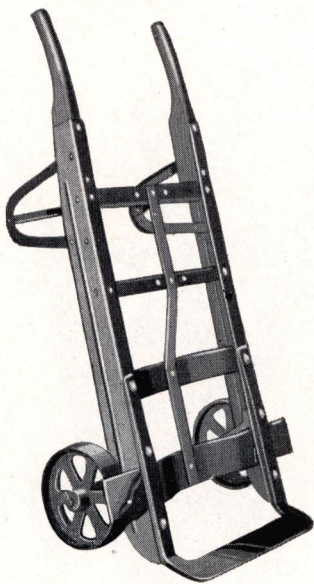


Fig. 733

Length of handles, 60 inches; weight, 140 lbs.; width at nose, $21\frac{1}{2}$ inches; width at handle, $21\frac{1}{2}$ inches; wheels, $10\frac{1}{2} \times 2\frac{3}{4}$ inches; length of nose, 5 inches.

Cipher, Saffron.



Fig. 862

Length of handles (over all), 60 inches; width at handles, $22\frac{3}{4}$ inches; width at nose, 17 inches; length of nose, $6\frac{1}{2}$ inches; wheels, 12-inch diameter, 3-inch face; weight, 148 lbs.; axle, $1\frac{1}{2}$ inches square.

Cipher, Squeeze.

The sides and cross bars are of pressed steel, electrically welded together in one unit. Not riveted.



Fig. 732

Length of handles, 58 inches; weight, 135 lbs.; width at nose, 24 inches; width at handles, 24 inches; wheels, $10\frac{1}{2} \times 2\frac{3}{4}$ inches; length of nose, 6 inches.

Cipher, Sallow.

Designed especially to handle either steel or wood beer kegs. Can be used for drums or barrels of any description.

Frame made of $1\frac{1}{4}$ -inch angle iron. Handle of wood. Weight, 29 lbs.

Height, 45 inches; width, 14 inches.

Wheels, 6-inch diameter, 2-inch face.

Cipher, Spencer.



Fig. 858

BAG TRUCK

Length of handles (over all), 50 inches; width at handles, 20 inches; width at nose, 11 inches; length of nose, 9 inches; wheels, 7-inch diam., $1\frac{3}{4}$ -inch face; axle, 1-inch square; weight, 50 lbs.

Cipher, Pirate.



Fig. 859

GRAIN TRUCK

Length of handles (over all), 58 inches; width at handles, 23 inches; width at nose, 16 inches; length of nose, $7\frac{1}{2}$ inches; wheels, 12×3 inches; axle, $1\frac{3}{8}$ -inch square; weight, 120 lbs.

Cipher, Pistol.

A light steel truck that will carry a real load. Frame of angle iron. 5-inch Pressed Steel Wheels with Rubber Tires and Hyatt Roller Bearings. Height, 45 inches; width, 14 inches; weight, 18 lbs. Length of nose, 3 inches.

Cipher, Plaid.

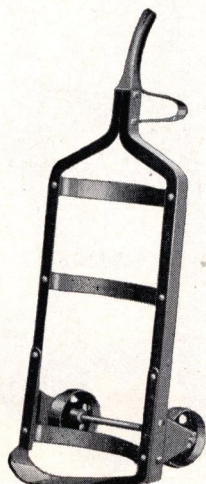


Fig. 905

All-Steel Hand Trucks

There is a demand for these All-Steel Trucks from railroads and others who have had trouble with the wooden trucks because of breakage of the wooden parts.

The sides are made of steel pressed into shape and ribbed to increase the strength without adding to the weight. The legs are made of steel pressed to the proper shape. Cross-bars are of pressed steel. The entire truck frame is securely riveted together.

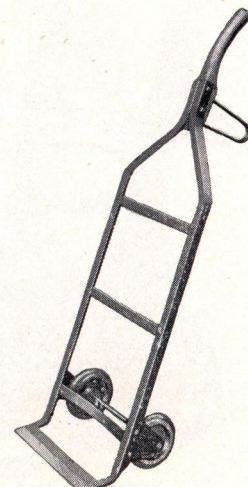


Fig. 860

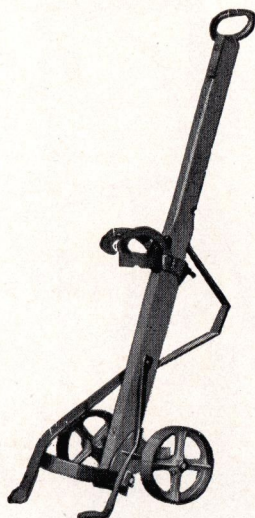


Fig. 913
Patent No. 2014057

Lanco Bulldog Barrel Truck

The Bulldog Barrel Truck is built to stand hard, heavy usage. Handle is 2x3 select hardwood. Adjustable slide is of malleable iron, cradle and hooks are forged steel. Wheels are of cast aluminum, brass-bushed. Axles: cold rolled steel. Frame of cast steel. Rubber-tired wheels, if desired.

Large factories, oil firms, packing houses, paint manufacturers, warehouses, etc., will find the Bulldog Barrel Truck efficient and handy in the handling of heavy barrels. Warehouse space is saved because the barrels may be packed close together. All dangerous hazards for the operator are eliminated as no hand need touch the barrel while handling. This means real safety for the operator. This truck is always adjustable for any size barrel—wood or steel—up to the half-ton size.

None of the load is carried on the operator's arms, because the truck and its load are well balanced. One man can, easily and quickly, load or unload any barrel or drum up to 1,000 pounds with the Bulldog Barrel Truck. Automatically, it attaches itself to the barrel or drum and holds it firmly so it cannot slip or roll. Handling and transportation of barrels can be made as rapidly as a man can walk—with perfect safety.

The adjustable feature of this truck makes it indispensable as a time-saver and profit-producer. The truck weighs but 50 pounds—about one-half the weight of most barrel trucks. The truck will go in any lane a barrel will go, because of its narrowness.

Cipher, Rogers.



Fig. 861

Barrel Truck

This popular all steel truck is designed for handling barrels and boxes. Handles are of angle iron and the 8-inch Pressed Steel Wheels have Heavy Duty Rubber Tires and Hyatt Roller Bearings. Height, 45 inches; width, 20 inches; weight, 55 lbs.; length of nose, 4 inches.

Cipher, Platter.



Fig. 1000

Lanco All Steel Barrel Truck

Will handle either wood or steel barrels. Made entirely of steel.

Length of handles, 58 inches; width at nose, 16 inches; length of nose, 4 inches; width at handles, 20 inches; frame of 2-inch channel iron; wheels, 10½-inch diameter, 2¾-inch face; weight, 125 lbs. Capacity, 1,500 lbs.

Cipher, Stark.

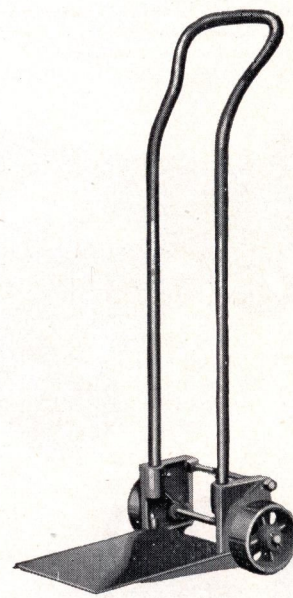


Fig. 950

Lanco All-Steel Flat Nose Truck

A handy truck for boxes and barrels. The shovel like nose slips under the load easily and the trucker lifts the load by tipping back the truck. A great time-saver.

Handles of 1-inch pipe, 1¼-inch outside diameter. Length of nose, 17 inches. Nose of 3/16-inch steel and 13 inches wide. Castings of semi-steel. Wheels 6½-inch diameter, 2½-inch face, with Hyatt Roller Bearings. Truck 52 inches high. Weight, 70 lbs.

Cipher, Starch.

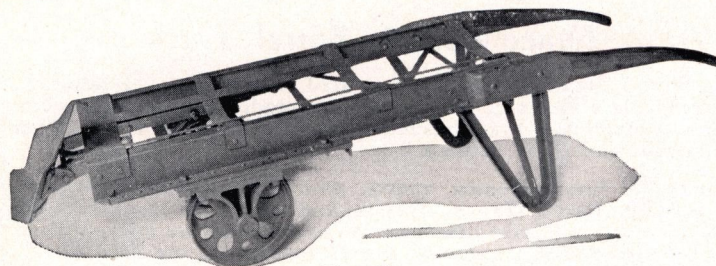


Fig. 823

Norman Roll Paper Truck

The Norman Truck is a machine-truck. It is built of steel with a capacity ten times its weight. It has two distinct units—the body and running gear. It is dangerous to distort the position of a heavy load to effect a balance and is impossible with the Norman Truck. The wheels can be placed under the center of the load. A 3-inch shift of the wheels will accommodate a variation of 18 inches in the length of the roll to be handled. The economy of the Norman Truck is not confined to its ease of operation and the protection it affords against damage to its load; its scientific and durable construction obviates constant repairs and makes its cost seem insignificant.

SPECIFICATIONS

Body, rolled steel angles and bars. Wheels, diameter, 12 inches; face, 3 inches; cast iron. Bearings, Hyatts. Axle, rolled steel with machine turned spindles. Legs, steel angles to withstand the strain of a sudden drop. Cushions: a leather cushion between the steel body and the cast iron bracket prevents vibration and the consequent wear between these parts. Handles, hardwood rigidly secured in steel channels. Size of load, 83 inches long, 36 inches diameter. Capacity, 2,000 pounds. Weight, 235 pounds.

Cipher, Norman.

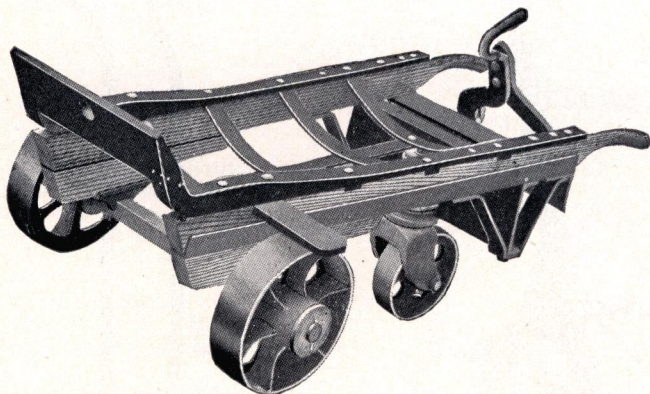


Fig. 801



Fig. 957

Welders' Tank Truck

A sturdily built truck designed to handle two tanks with the least possible effort.

Frame of $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$ -inch angle; height, $49\frac{1}{4}$ inches; width over all, 30 inches; width of frame, 24 inches; diameter of wheels, $15\frac{1}{2}$ inches; face, $2\frac{1}{2}$ inches; length of nose, 14 inches; weight 98 lbs.

Cipher, Welder.

Three-Wheel Trailer

A Combined Stevedore and Trailer Truck

The first installation of fifty of these trailers at an Eastern Railroad Transfer Point cut the cost of handling freight five cents per ton.

Articles of every kind can be carried on them and they are substantial enough to take the hardest kind of usage.

Wheels equipped with Hyatt roller bearings. Nose, $1\frac{3}{4}$ inches thick by $6\frac{1}{2}$ inches long. Weight, 300 pounds.

Cipher, Spree.

Lansing Radiator Trucks

Popular Trucks for Handling Steam or Hot Water Radiators

NO. 1

Handles, 50 inches long; weight, 95 lbs.; width at nose, 14 inches; length of nose, 4 inches; axle, $1\frac{1}{4}$ -inch square; wheels, 9-inch diameter, 3-inch face.

Cipher, Rancid.

NO. 2

Handles, 55 inches long; weight, 105 lbs.; width at nose, 14 inches; prongs, 6 inches long; axle, $1\frac{1}{2}$ -inch square; wheels, 10-inch diameter, $2\frac{1}{2}$ -inch face.

Cipher, Ransack.

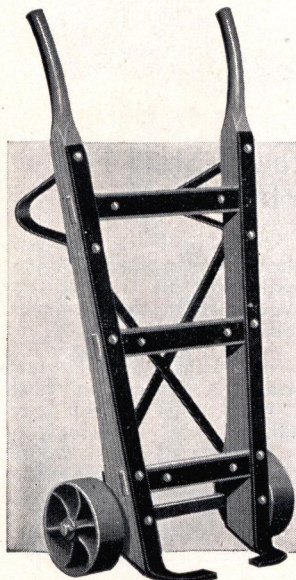


Fig. 906

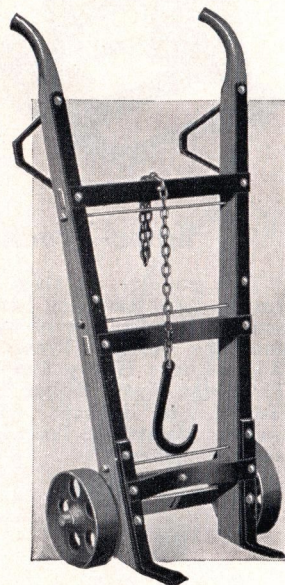


Fig. 907

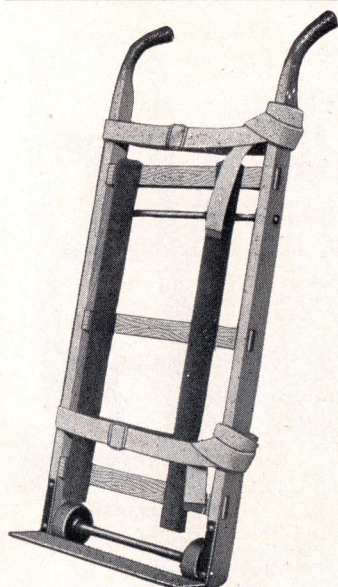


Fig. 1940
SIMPLICITY REFRIGERATOR
TRUCK

Weighs only 38 pounds. Perfectly balanced; mounted on solid rubber wheels. 56-inch handles. 23-inches wide. Nose 5 inches long, covered with rubber. Felt-covered boards in front. Two 12-foot straps.

Cipher, Simplicity.

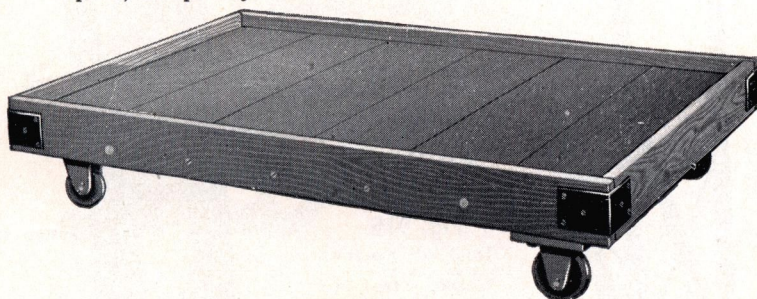


Fig. 911
REFRIGERATOR AND STOVE DOLLY

Center Hanger Clamp Truck

For Cannery, Packers,
Wholesale Houses, Etc.

No. 16—Width of frame, 16 inches; height, 64 inches; takes boxes 24 inches long. Weight, 87 lbs.

Cipher—Genial.

No. 17—Width of frame, 17 inches; height, 64 inches; takes boxes 26 inches long. Weight, 88 lbs.

Cipher, Genteel.

No. 18—Width of frame, 18 inches; height, 64 inches; takes boxes 30 inches long. Weight, 90 lbs.

Cipher, Gentile.

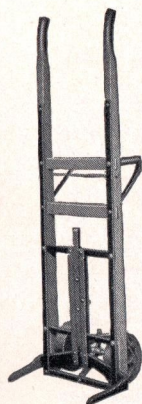


Fig. 912

Refrigerator Trucks

Made for Safety and Ease of Handling
Electric Refrigerators, Parlor Heaters,
and Other Articles Too Large to Carry

The feature of this truck is the two small extra wheels, which give even distribution of the load. Only a small part of the actual load is ever carried by the trucker or operator. Whether with 300 or 1,000 pounds, when tipped back the load will balance on ALL FOUR wheels with positive safety.

Standard equipment of the new 1937 Refrigerator Truck:

Two 12-foot strong web straps; two Durex self-lubricating bearing 4-inch molded rubber wheels; two 8-inch molded rubber wheels, with roller bearings; strong 64-inch hardwood handles; heavy pile fabric-covered parts for protection of refrigerator, cabinet or stove. 24 inches wide.

Weight, 80 lbs.

Cipher, Stabe.

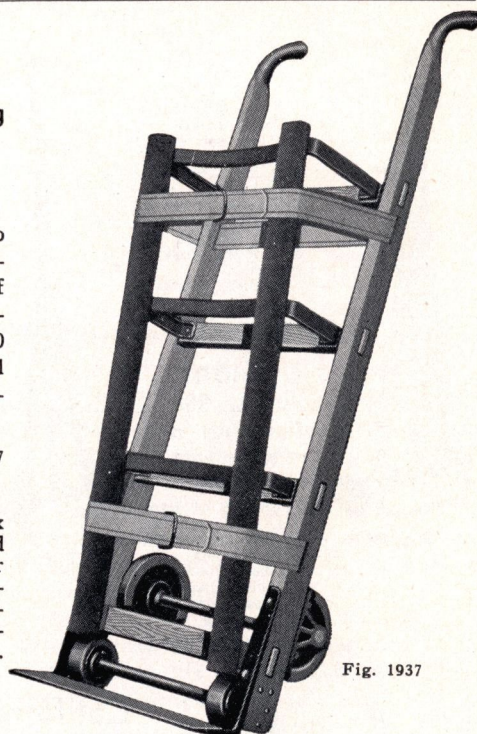


Fig. 1937

1937 REFRIGERATOR TRUCK

Dolly

For Refrigerators and Stoves

Side rails and end parts extend above platform and keep material from falling off. Corners strengthened by corner irons.

Over All Measurements:

Width, 28 inches; length, 44 inches; height, 8¼ inches. Made of hardwood lumber and equipped with two 3-inch ball bearing swivel casters, two 3-inch stationary casters, all with rubber wheels.

Weight, 72 lbs.

Cipher, Gander.

Furniture Handling Truck

A sturdy yet light truck with angle iron frame.

Woodwork covered with carpet.

Eight-inch Rubberized Wheel with Hyatt Roller Bearings; over all height, 46 inches; over all width, 32 inches; weight, 42 lbs.

Cipher, Jarvis.

Other Sizes Can Be
Furnished

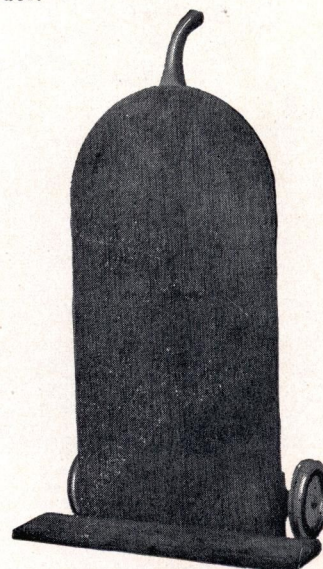


Fig. 908

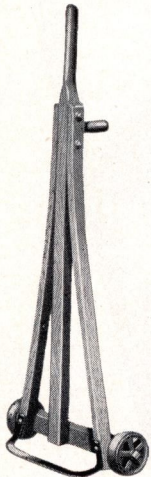


Fig. 738

Capitol Fig. 738

A handy truck to have about for moving ash cans, boxes, and trunks and for other occasional use. Frame-work made entirely of hardwood. Weight, 10 lbs. Nose, $2\frac{1}{2} \times 12$ inches.

Cipher, Alley.

Little Giant Fig. 88

For Shoe and Other Light Boxes

Length of handle, 56 inches; width at nose, $10\frac{1}{2}$ inches; diameter of wheels, 5 inches; weight, 12 lbs. nose, $1\frac{1}{2}$ inches long.

Cipher, Giant.

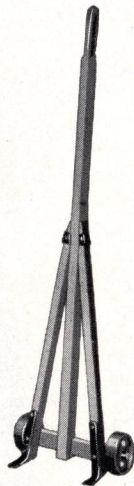


Fig. 88

Combina- tion Keg Truck

A useful truck for handling kegs—even large barrels of sugar, etc., are easily and more rapidly handled on this truck.

Diameter of wheels, 5 inches, $1\frac{1}{4}$ -inch tread; length of handle, 60 inches. Wt., 23 lbs.

Cipher, Combination.



Fig. 39

Cheese Truck With Bent Plow Handles

Has four curved iron cross-bars with center strap running full length of truck firmly riveted to each cross-bar, making a strong, rigid truck. Width of frame, 16 ins.; handles, 54 ins. long; wheels, 7 ins. in diameter. Steel axles with turned bearings. Weight of truck, about 50 lbs. Sharp nose to push under cheese box.

Nose, 8 inches. Cipher, with rubbered wheels, Adage.

Cipher, with iron wheels, Ague.

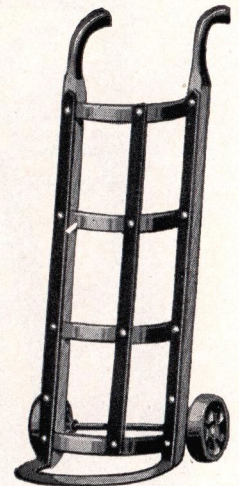


Fig. 100

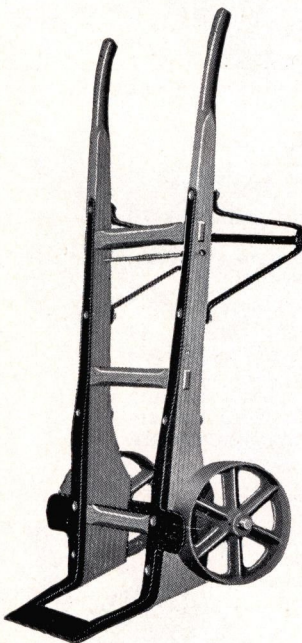


Fig. 175

Lanco Ash Can Truck

A light easy loading truck, especially adapted to the quick moving of garbage cans and ash cans.

Ideal for use in city where space is at a premium.

The frame is constructed of 1-inch channel iron firmly welded to the nose. Wheels are 6-inch diameter by 1-inch face and run on $\frac{1}{2}$ -inch axle.

Hook in center of truck is adjustable.

Weight, 20 lbs. Cipher, Rowell.

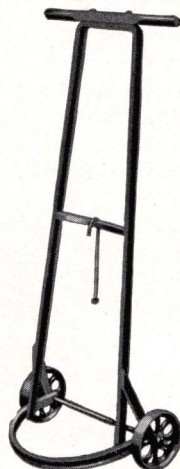


Fig. 914

California Grain Truck

No. 93—Length of handles, 4 ft. 8 in.; width at upper bar, 19 in.; width at nose, 15 in.; size of wheel, $10\frac{1}{2} \times 2\frac{1}{2}$ in.; axle, $1\frac{1}{8}$ -in. square; wt., 75 lbs. each; length of nose, 8 in.

Cipher, Chant. No. 94—Length of handles, 4 ft. 11 in.; width at upper bar, 20 $\frac{1}{4}$ in.; width at nose, 16 in.; size of wheel, 12 $\times$ 3 in.; axle, $1\frac{1}{4}$ -in. square; wt., 110 lbs. each; length of nose, 9 in.

Cipher, Chaos. These trucks are the style used on the Pacific Coast. They are made of selected material and are firmly bolted together. The noses are extra long for handling grain sacks.

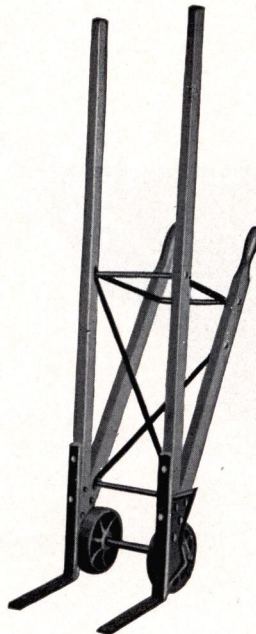


Fig. 915

Lispensard Truck Fig. 176

Length of handles, 52 inches; width at nose, 15 inches; width at upper cross-bar, 19 $\frac{1}{4}$ inches; wheels, 7 $\frac{3}{4}$ inches $\times$ 2 $\frac{1}{4}$ inches; axles, 1 inch square. Weight, each, 66 lbs. Length of nose, 7 inches.

Cipher, Cowlick.

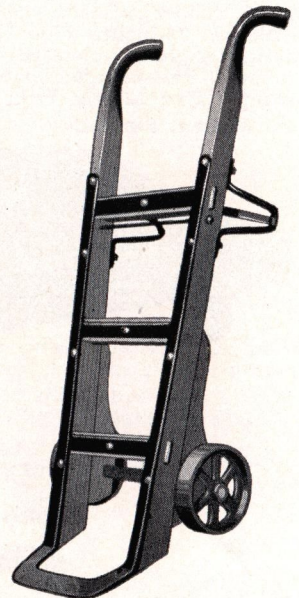


Fig. 176

Lansing Fruit Truck Fig. 915

Ideal for handling fruit in cases.

Height, 6 ft. 3 in.; width, 15 inches; nose length, 12 inches; wheels, 8 $\frac{1}{2}$ inches diameter, 2 $\frac{3}{4}$ -inch face. Weight, 83 lbs.

Cipher, Gherkin.

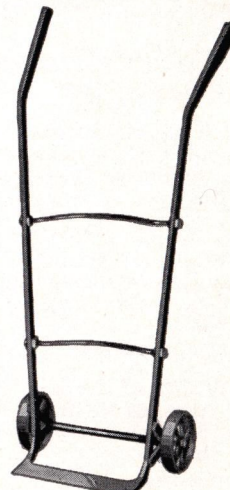


Fig. 42

Ash Can Truck

A light steel truck with side rails of 1 $\times$ $\frac{3}{8}$ -inch iron, and bent cross-bars of round iron. Handles, 48 inches high; width, 19 inches; nose, 4 inches long. Weight, each 25 lbs.

Cipher, Admission.

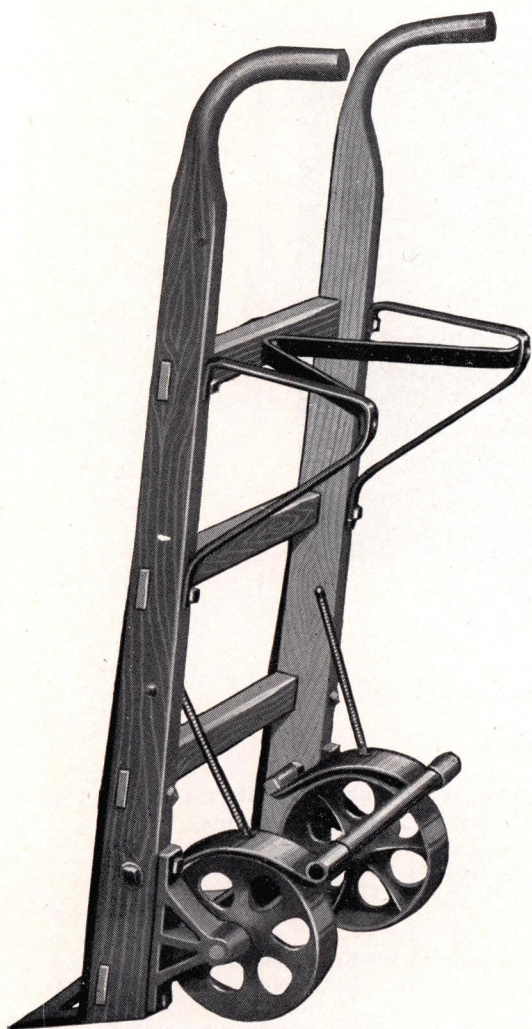


Fig. 962

Lansing Safety Truck Brake

The Safety Truck Brake is a most simple, strong, and efficient device. It consists of a pair of Brake Shoes lined with regulation brake lining and connected with a very heavy telescoping cross-rod, which permits the brake being attached to any Lansing Steel Nose Truck. The brake is bolted fast to the truck and held free from the wheels by means of two heavy springs. This means it cannot drag on the wheels, but takes hold as soon as pressure is applied.

With the Safety Truck Brake on his truck the trucker just stands on the brake. This locks his wheels absolutely against rollback and he has his entire weight to use to exert leverage in "breaking" his load to the truck. In actual shop practice one man can handle from 100 pounds to 300 pounds more without help.

Cipher, Salient.

Brake for Platform Trucks

This simple, positive brake can be furnished on any of our Reynolds or Lansing Wagon Trucks.

It enables one man to handle a loaded truck down an incline or allows a truck to be parked on a sloping runway.

Cipher, Saline.

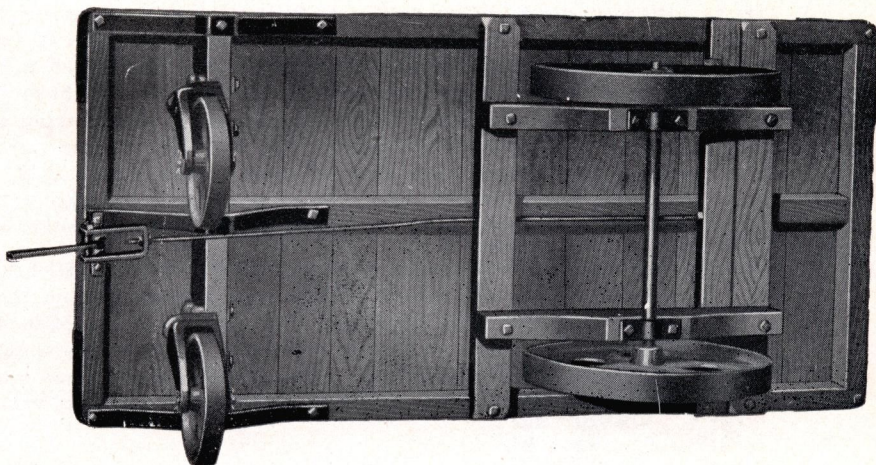
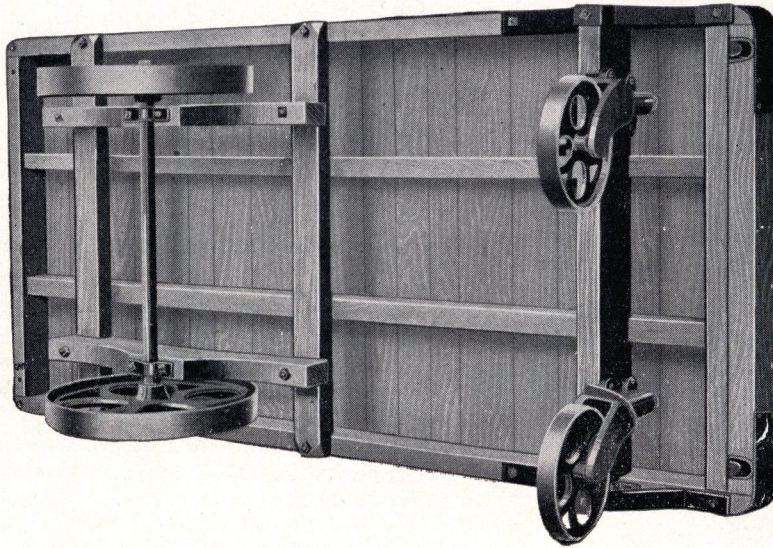


Fig. 961



The Reynolds Truck

With Patent Ball Bearing Casters

This truck will be found especially adapted to the wants of merchants, millers, and warehouse men. Jobbers in almost any line will find by its use a great saving of time and expense. We make them to fit elevators or scales, and thus do away with transferring from truck to elevator or scales, and vice versa.

Nicely oiled and varnished.

The Reynolds Truck has many points of excellence and superiority over the common truck, as will be readily seen by comparison.

The front wheels being casters, the truck will turn in its own length and can be run on elevator or scales from any angle. The running gear is so arranged that it can be run on any dormant warehouse scale of one ton capacity. The wheels are so large in diameter, and so much of the weight of the load comes directly over them, that one man can carry twice as much on it as upon any other truck made; and as, instead of the ordinary rigid rest in front, there are two caster wheels, the operator can turn truck in any direction with great ease. As it requires but one man to operate it, it can be readily seen that the saving in labor would soon pay for the truck. We have many testimonials from parties who have them, pronouncing them the best thing of the kind they have ever used. For making up orders and unpacking goods it is almost indispensable. We make trucks any size to suit elevators. We keep in stock twenty-one sizes of these trucks, with 12, 18, and 24-inch wheels and 6, 9, and 12-inch casters; with iron or wood racks for wholesale houses, factories, etc., and also with boxes made with sides to let down, or with removable ends and sides.

We furnish these trucks with our latest improved ball bearing casters. The ease with which they are turned depends very largely on this caster. It is necessary to use a caster that will not bind. The balls used are $\frac{3}{8}$ -inch in diameter and it is impossible for caster to bind in any way. These trucks should not be confused with the several cheap imitations. There is no truck made that begins to equal the Reynolds in strength or ease with which large loads are carried.

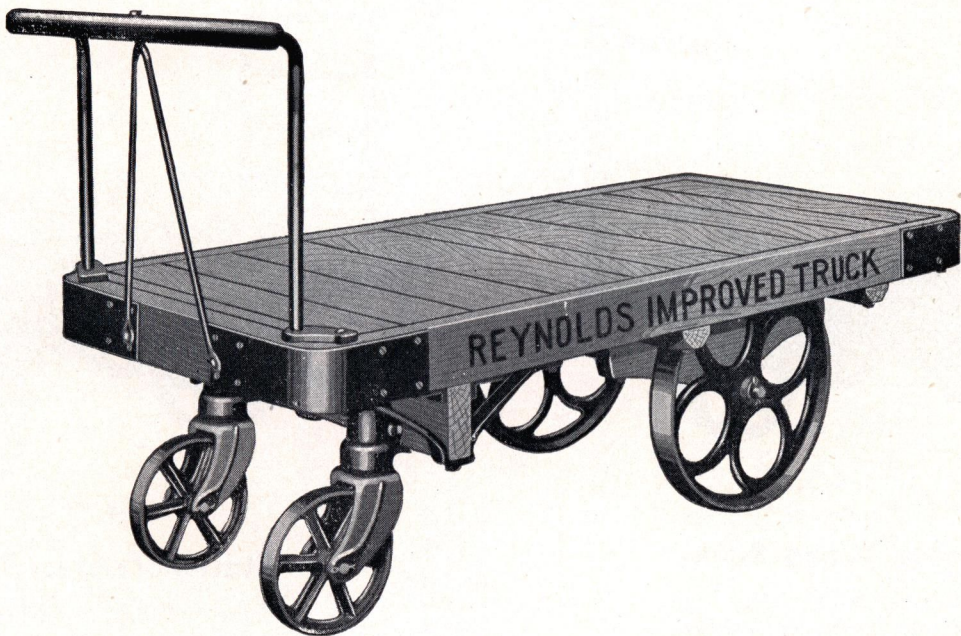


Fig. 40

Reynolds Truck—With Patent Ball Bearing Casters

Size of Reynolds Trucks kept in stock. Any size made to order.

FOR VERY HEAVY WORK.

No.	Cipher	Size of Platform in Feet*	Diameter of Wheels, Inches	Diameter of Casters, Inches	Height to Top of Platform, Inches	Capacity in Lbs.	Weight, Lbs.
0	Madam	2 x3	12	6	14	1,200	125
1	Madcap	2 x4	12	6	14	1,200	152
3	Madder	2½x4	12	6	14	1,200	172
4	Margo	2 x5	12	6	14	1,200	161
5	Mastiff	3 x4	12	6	14	1,200	173
6	Manna	2½x5	12	6	14	1,200	175
8	Magic	3 x5	12	6	14	1,200	192
9	Major	2 x4	18	9	19	3,000	217
11	Mallet	2½x4	18	9	19	3,000	229
13	Maroon	2½x4½	18	9	19	3,000	237
15	Marvel	3 x4	18	9	19	3,000	246
16	Martin	2½x5	18	9	19	3,000	243
18	Morbid	2 x5	18	9	19	3,000	230
19	Morsel	2 x6	18	9	19	3,000	240
20	Mosaic	2½x6	18	9	19	3,000	275
21	Modify	3 x5	18	9	19	3,000	275
22	Monitor	3 x6	18	9	19	3,000	290
23	Martyr	3 x8	18	9	19	3,000	330

*The trucks are about 4 inches longer over all.

FACE OF IRON WHEELS AND CASTERS

Trucks numbered 0 to 8 inclusive have casters with 1¼-inch tread, wheels 2-inch tread.

Trucks numbered 9 to 23 inclusive have casters with 1½-inch tread, wheels 2¼-inch tread.

Trucks numbered 9 to 23 inclusive, with extra heavy casters, with 2½-inch tread, wheels 3½-inch tread, are furnished at extra cost.

RUBBER TIRED WHEELS

Any of the above trucks can be equipped with loose rubber or molded rubber wheels. Either plain or Hyatt roller bearing. Fibre wheels can also be furnished.

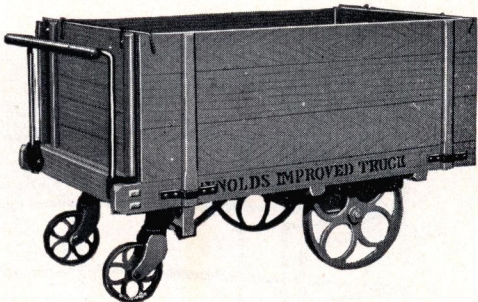
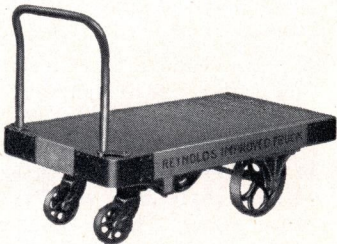


Fig. 502

Reynolds with Box

We keep in stock boxes 20 inches high to fit all regular sizes of Reynolds Trucks. Box can be removed in a moment if desired. Capacity of box on No. 16 truck is 20 bushels.

Cipher, Mourn.



Reynolds with Pipe Handle

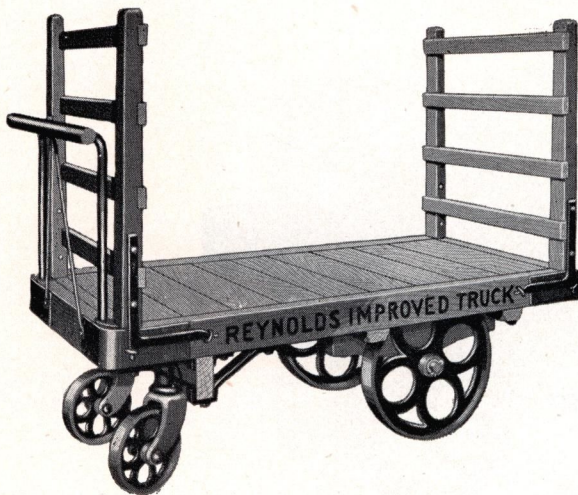


Fig. 443

Removable Wood Racks

30 inches high, are kept in stock for all Reynolds Trucks. Weight, 20 lbs. each.

Cipher, Mermen.

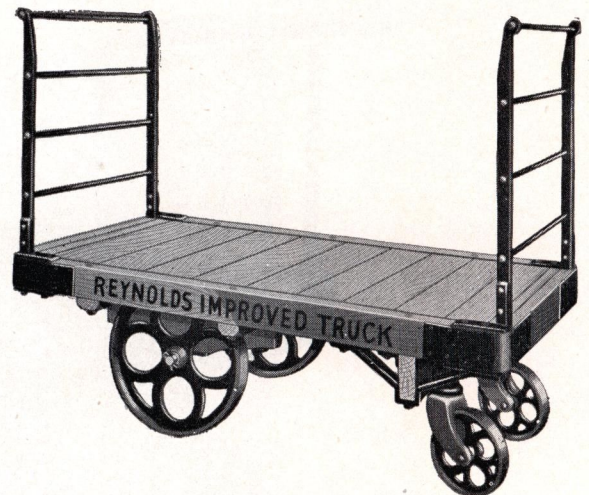


Fig. 444

Stationary Steel Racks

30 inches high, are kept in stock for all Reynolds Trucks. Weight, 30 lbs.

Cipher, Mettle.



Fig. 64

Baker's Can Truck

This style of Reynolds Truck is used by bakers for carrying the boxes or cans of fancy crackers, biscuits, etc. It is in use in the larger bakeries and should be used in all. The rack is light, made of $\frac{3}{4}$ -inch angle iron with $1 \times \frac{1}{8}$ -inch cross strips. Made any size to suit purchaser.

Cipher, Biscuit.

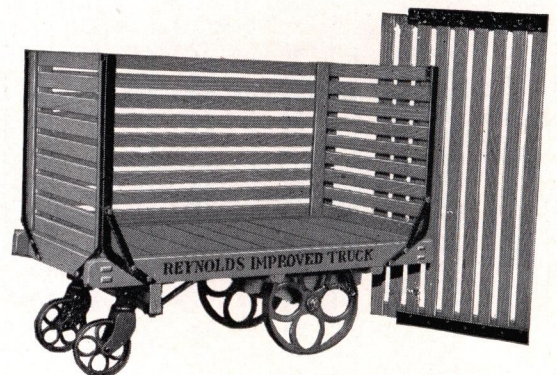


Fig. 432

Reynolds Truck

With Angle Iron Corner Stakes and Adjustable Wooden Racks

Corner stakes shown made of $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$ angle iron, so braced to pull a truck easily when loaded with 2,000 pounds. Without racks the trucks are useful for handling long material about factories. For handling small pieces the racks are convenient, and they are easily adjustable. One or both sides can be used at one time, or one or both ends, or one end and one side. Weight, 105 lbs.

Cipher, Meadow.

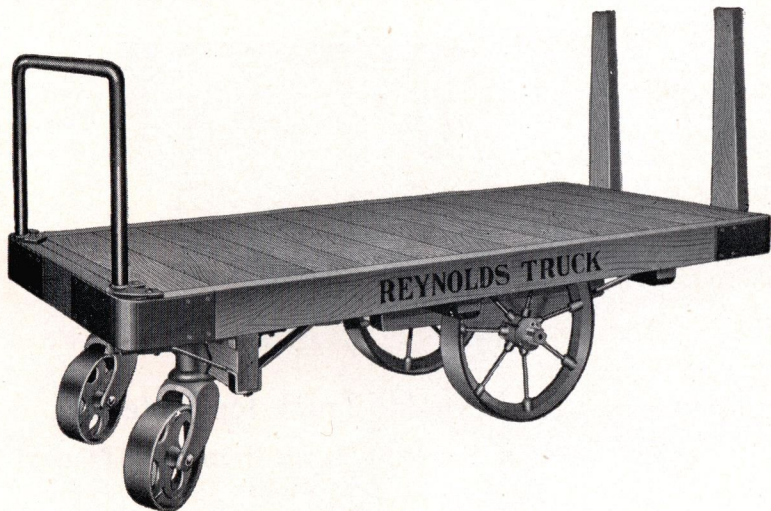


Fig. 736

Reynolds Freight House Truck

DESCRIPTION

Platform, 3x6 feet; height, 19 inches; weight, 380 pounds; capacity, 6,000 pounds; 18x3½-inch roller bearing wheels; 9x2½-inch patent ball bearing casters.

Similar to the No. 22 Reynolds Truck, but heavier and will handle a larger load.

Cipher, Mice.

Reynolds Depot Truck

These trucks have all improvements that are embodied in the Reynolds Warehouse Trucks. Railroads that have adopted them prefer them to the four-wheeled express wagons, as they turn in their own length, are easily guided, carry a large load, and have no tongue that people are in danger of falling over. They are furnished with our patent ball bearing casters.

No.	Cipher	Size of Platform, Feet	Diam. of Wheels, Inches	Diam. of Casters, Inches	Weight Each, Lbs.
33	Goldleaf	2½ x 8	24	12	400
34	Gosling	3 x 8	24	12	500
35	Granite	3 x 10	24	12	550
36	Gravel	4 x 10	24	12	600

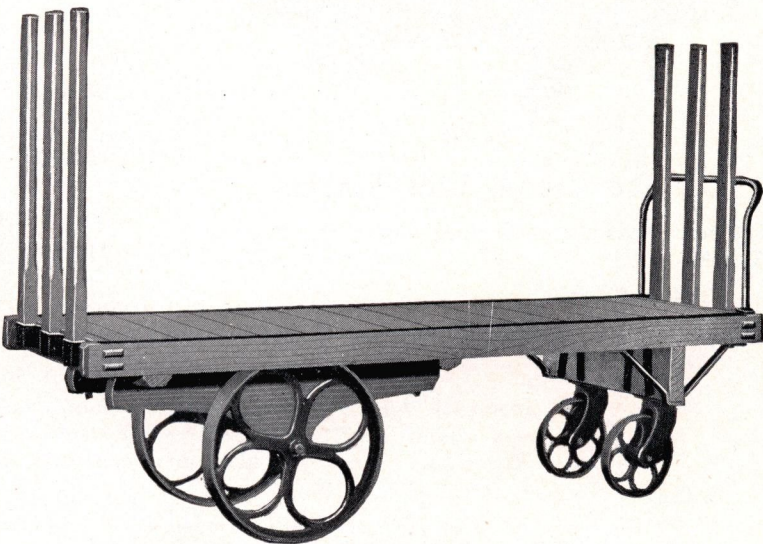


Fig. 81

New Haven Trailer Trucks

These trucks designed by a practical railroad man, and the weak features of the ordinary trailer trucks eliminated. In two heights, 16½ inches and 19¾ inches.

Wheels are wide tread and equipped with Hyatt Roller Bearings. Ends and corners bound with steel. Two stake pockets on each end and each side. Racks can be used on either sides or ends. Any kind of a coupler can be furnished, but this special Hook and Eye Coupler is as efficient as any. Platform, 40 inches by 76 inches. Weight, 520 pounds.

Cipher, Marks.



Fig. 797

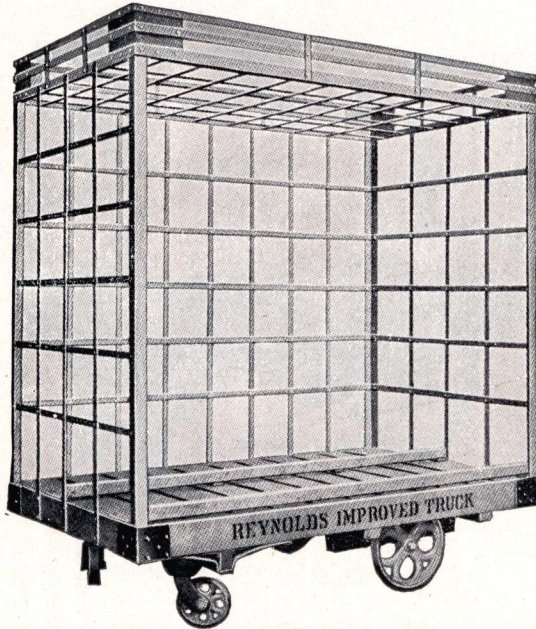


Fig. 829

Ice Cream Can Truck

These racks are made to fit any of the Reynolds Trucks.

Cipher, Sherbet.

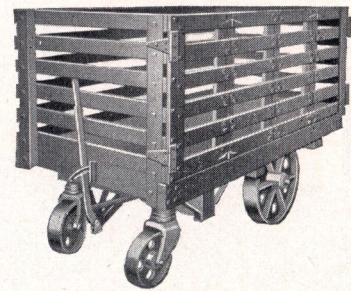


Fig. 825

Reynolds Truck for Potteries

With Slatted Racks and Hyatt Roller Bearing Wheels

These racks can be furnished on any of the Reynolds Trucks.

Cipher, Potter.

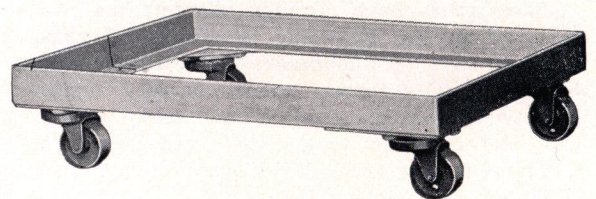


Fig. 921

Milk Crate Truck

Frame made of one piece $1\frac{1}{2}$ -inch angle. $2\frac{1}{2}$ -inch Ball bearing anti-friction casters. Measurements— $18\frac{1}{2}$ x 32 inches inside.

Cipher, Hanson.

Shank's Ice Cream Cover Truck

All steel galvanized. Size 21 inches wide, $53\frac{1}{2}$ inches long over all. Angle frame top of $\frac{1}{4}$ x $\frac{1}{4}$ x3/16-inch. Top divided in ten sections, five on each side. Spaces or sections, 10 inches wide to $10\frac{1}{2}$ inches wide inside. The steel strip that forms the side of well hole or partition, bent at right angle on outside $1\frac{1}{2}$ inches wide. Well holes, 35 inches deep. Solid steel partition in center. Top is mounted on a 3x3-inch heavy angle frame with sheet steel bottom. An extra bottom with $\frac{1}{2}$ -inch slope toward center for each partition with hole for draining. Mounted on two 12-inch wheels with lugs, two 6-inch Fig. 524 casters on heavy steel plate. $16\frac{1}{2}$ inches from center of hole in lug to end of truck. Weight, 380 pounds.

Cipher, Shank.



Fig. 826

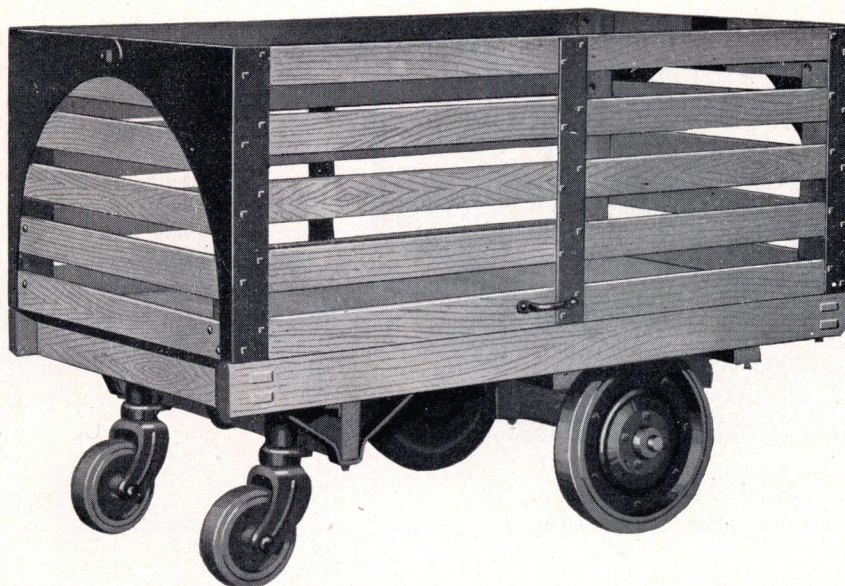


Fig. 925

REYNOLDS TRUCK WITH SLATTED RACKS, WOODRUFF
MOLDED RUBBER WHEELS AND HYATT ROLLER BEARINGS

Lansing Pottery Trucks

Lansing Pottery Trucks can be furnished in a variety of sizes of Reynolds Trucks, any height of rack, although a rack 30 inches high is the most popular.

Racks are reinforced with steel and either side can be raised.

Regular equipment includes 8x2½-inch and 16x2½-inch Woodruff Demountable Molded Rubber Wheels with Hyatt Roller Bearings. These wheels have the tires molded to an iron ring, the rings being held in place by two pressed steel discs.

When the tires are worn down, it is simply necessary to return the rings and have new tires molded on.

Cipher, Mullet.



Fig. 956

Pottery Cart with Rubber Wheels and Springs

We specialize on Pottery Trucks of all kinds. Tell us about your requirements and we will quote you some interesting prices.

Cipher, Blanch.



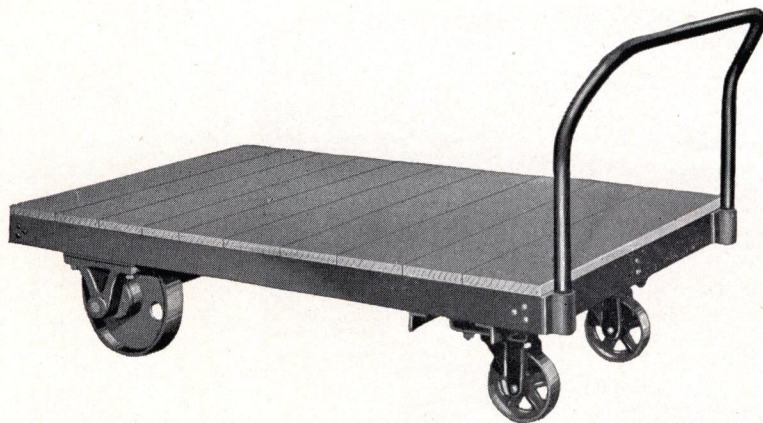


Fig. 916

SIDE RAILS OF CHANNEL IRON—

Trucks No. 101 to No. 108 have 3-inch Channel Iron Frames.

Trucks No. 109 to No. 122 have 4-inch Channel Iron Frames.

HEIGHT OF PLATFORM FROM FLOOR

Trucks No. 101 to No. 108 with wood top, 15 inches.

Trucks No. 101 to No. 108 with steel top, 14 inches.

Trucks No. 109 to No. 122 with wood top, 18 inches.

Trucks No. 109 to No. 122 with steel top, 17 inches.

Wood Top Trucks can be furnished with angle iron along sides if desired.

Rubbered or Fibre Wheels are also furnished.

General Purpose Truck

These trucks are built for use where low platforms are needed. Channel iron frames mean strength and stability. Hyatt roller bearings makes easy, smooth running. Either hardwood or sheet steel platform furnished. Castings of semi-steel. Alemites on all wheels. Can also be equipped with moulded rubber or pneumatic rubbered wheels.

	Cipher	Platform	Caster Wheels	Rear Wheels	Weight
G. P. 101	Wallace	24" x 48"	6" x 2"	12" x 3"	235 lbs.
G. P. 104	Grant	24" x 60"	6" x 2"	12" x 3"	225 lbs.
G. P. 106	Lee	30" x 60"	6" x 2"	12" x 3"	250 lbs.
G. P. 108	Pershing	36" x 60"	6" x 2"	12" x 3"	300 lbs.
G. P. 109	Jackson	24" x 48"	8" x 2"	16" x 3"	280 lbs.
G. P. 118	Thomas	24" x 60"	8" x 2"	16" x 3"	310 lbs.
G. P. 116	Meade	30" x 60"	8" x 2"	16" x 3"	380 lbs.
G. P. 121	Loomis	36" x 60"	8" x 2"	16" x 3"	360 lbs.
G. P. 122	Dean	36" x 72"	8" x 2"	16" x 3"	380 lbs.

Terminal Warehouse Truck

Wherever a sturdy platform truck can be used the Terminal Warehouse Truck will prove most satisfactory. The tongue is attached to the caster in front, thus making it very easy to turn in any direction.

PLATFORM: Made of 1½-inch kiln dried hardwood and having edges bound with 2x2x⅛-inch angle iron bolted to edge. This doubles the life of the truck. Top of platform is 14 inches from floor.

RUNNING GEAR: All wheels 12 inches diameter by 3-inch face. Two rear wheels set in stationary caster. Front caster swivels on ball bearings. These are Moore's self-oiling casters.

HANDLE: 1¼x½-inch steel with 1-inch round handhold. Length of handle, 35 inches.

Cipher, Terminal.

Size of Platform	Cipher	Approx. Weight
No. 1—30x54	Concert	260 lbs.
No. 2—30x60	Concise	280 lbs.
No. 3—36x60	Conclave	300 lbs.
No. 4—36x72	Conclude	320 lbs.
No. 5—40x66	Concur	345 lbs.

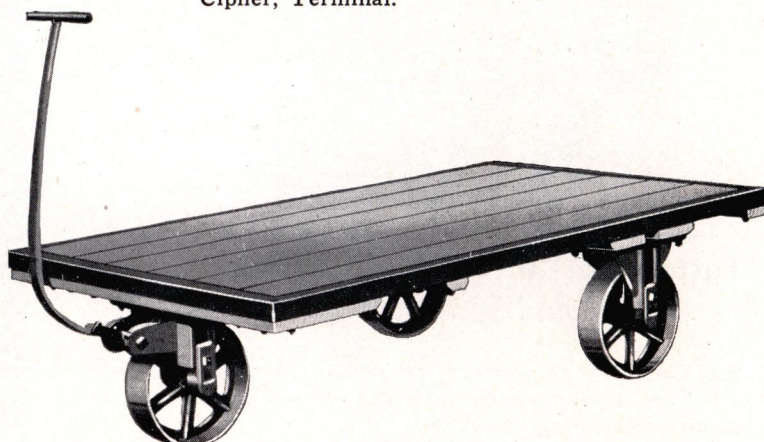
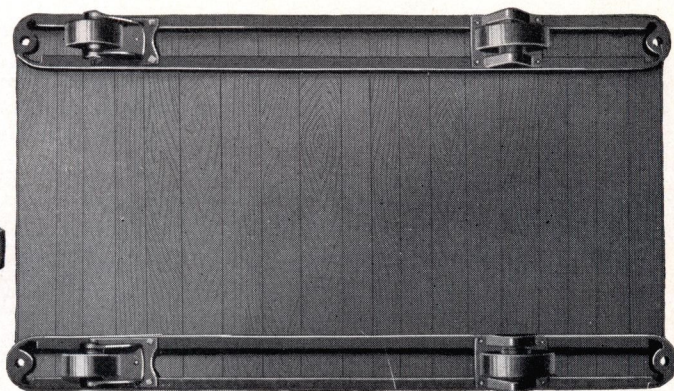


Fig. 917



Fig. 918. TYPE L-C 5000



BOTTOM VIEW OF SKID

Heavy Duty Live Platform Skid

SPECIFICATIONS

CAPACITY: 5,000 lbs. with ample factor of safety.

PLATFORM: 42 inches wide x 72 inches long x $15\frac{1}{2}$ inches high from floor. Platform $1\frac{3}{4}$ inches thick, reinforced by $1\frac{3}{4}$ -inch angle iron on edge, bull-dozer round at corners and electrically flow welded where joined at center of end.

FRAME: Has two 3-inch 4-lb. steel channels running lengthwise of skid on each side.

RACKS: Two, one on each end 48 inches above platform, of $1\frac{1}{4}$ -inch standard pipe with two horizontal cross-bars of 1-inch pipe.

WHEELS: Load wheels attached to longitudinal channels by two cast steel brackets. Axle of $1\frac{1}{4}$ -inch cold rolled steel. Wheels—Cast steel, 8-inch diameter x $2\frac{1}{2}$ -inch face, equipped with Hyatt Roller Bearing No. 18200, Zerk fittings.

CASTERS: Two on end of skid and attached to the two longitudinal channels.

LUBRICATION: Zerk throughout.

Cipher, Delaware.

Lansing Gasoline Tractor

The Lansing Gasoline Tractor is powered with a Ford Model A Motor, Clutch and Transmission. Efficient service is assured through the many Ford Dealers and Service Stations, and spare parts are easily obtainable.

It has an unusual amount of power and is compact in size.

The short turning radius allows it to be easily handled and maneuvered in congested places where a larger tractor would be useless.

Other features are the low first cost, the low cost of maintenance, and the 24 hour day service. This cut shows the Twin Front Wheel Model. Four Wheel Model can also be furnished. Can be equipped with Pneumatic Rubber Wheels if desired. Send for Tractor Catalog.

Cipher, Tractor.

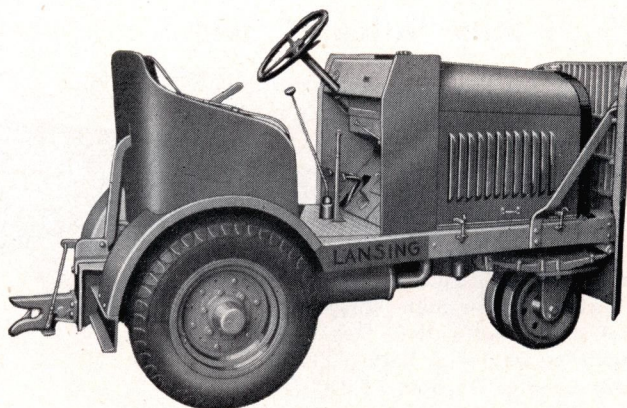


Fig. 952

Lanco Lift-Jack and Platform

Easy Handling - Light Weight - Economical

Operates easily and can be turned in a small space. The lift Jack weighs only 44 pounds, but is capable of raising 3,000 pounds distributed weight with only a slight handle pressure.

The Jack may be fastened to platforms from either right or left side or from front. Any number of platforms can be used with a single Jack.

Eliminates your labor problem by keeping your loads on trucks and always ready to move, thus saving two operations.

Capacity, 3,000 lbs.

Platform: Made of 1 $\frac{1}{8}$ -inch hardwood boards, bolted in place.

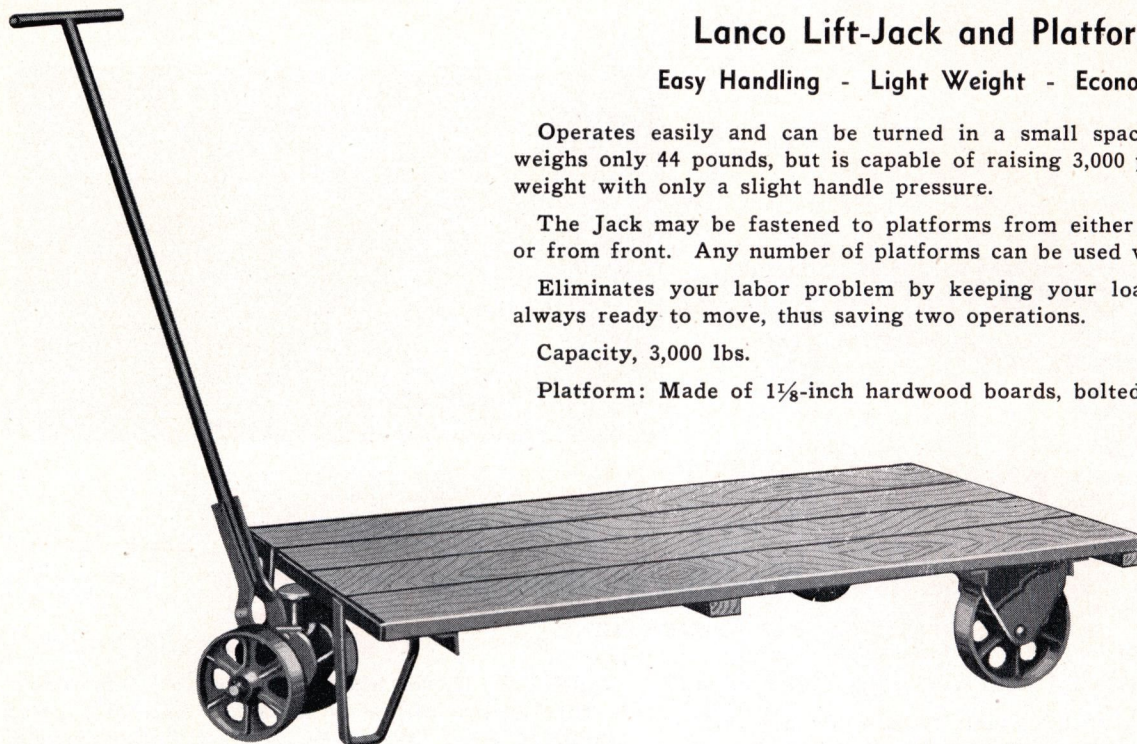


Fig. 1005

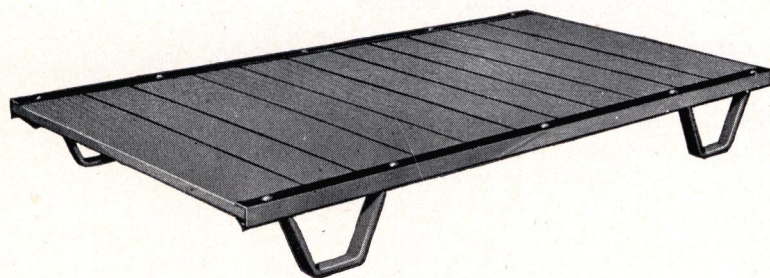


Fig. 973

Lanco Skid for Lift Truck Medium Duty

Can be made up with any size of platform.

Top, 1-inch hardwood dressed. Top and guide angles, 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x $\frac{1}{8}$ -inch. Legs, 5/16x1 $\frac{1}{2}$ -inch.

Cipher, Unity.

Heavy Duty "Atlantic" Skid

1 $\frac{3}{8}$ -inch hardwood platform, 36 inches wide, 60 inches long; 12 inches clearance from floor to underside of platform. Bottom angle, 2x2x3/16-inch hot rolled steel. Top angle, 2x2x $\frac{1}{8}$ -inch. Ends bound with 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x $\frac{1}{8}$ -inch angle. Legs, 2x $\frac{3}{8}$ -inch hot rolled steel. Each leg welded or bolted to lower angle. Capacity, 5,000 lbs. Weight, 160 lbs.

Cipher, Unjust.



Fig. 920

Lansing Government Trailer

Capacity, 6,000 lbs. Platform, 36-inch x 72-inch. Height, 19 inches. Frame, hardwood dressed; sills mortised, flush top and bottom. Bed, hardwood, $\frac{3}{4}$ -inch dressed, beveled strips 3-inch x $1\frac{1}{2}$ -inch along sides. Bed irons, five strips No. 10 steel lengthwise, also across ends. Bumpers, $\frac{1}{4}$ -inch x 4-inch steel all way round, in two pieces, $4\frac{1}{2}$ -inch corner radius. Stake pockets, on sides and ends for 1-inch pipe handle. Load axle, $1\frac{1}{2}$ -inch square turned for 1-7/16-inch bearings. Load wheels, 18-inch x $3\frac{1}{2}$ -inch, slightly crowned. Casters, "Staple type" held by U shaped bolts and lug under bolster. Wheels, 9-inch x 3-inch, slightly crowned. Stem, $1\frac{1}{4}$ -inch cold rolled. Axle, 1-inch cold rolled. Bearings, Hyatt Roller Bearings, all wheels. Truss rods, two $\frac{5}{8}$ -inch rods. No nuts on outside except at couplers. Racks, 1-inch pipe handles at side; stakes, pipe handles, or racks at ends. Weight, 650 lbs.

Cipher, Government.

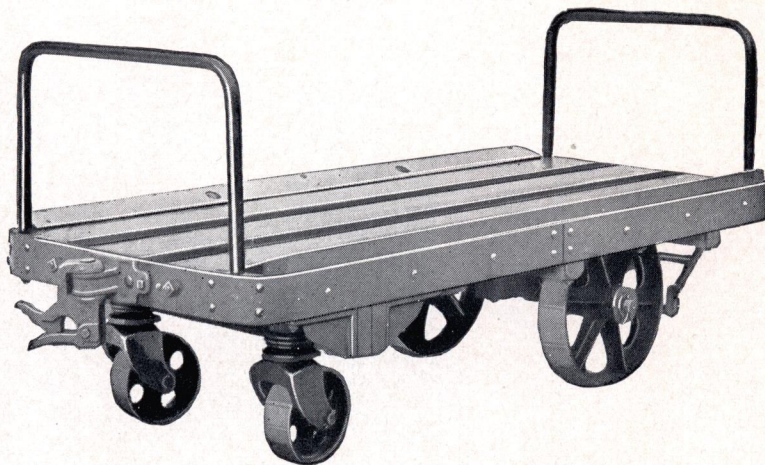


Fig. 799

Lansing Fifth Wheel Trailer

This trailer has a platform 3 feet wide, 75 inches long, 20 inches high to the top of the platform. Corners rounded and ends bound by $4 \times \frac{1}{4}$ -inch steel bars. Axles, $1\frac{1}{2}$ -inch square, turned to 1-7/16-inch. All wheels equipped with Hyatt bearings. Front wheels, 15 inches in diameter with $3\frac{1}{2}$ -inch face. Rear wheels, 18 inches in diameter with 3-inch face. Capacity, 6,000 pounds. They may be equipped with cast iron wheels, cast steel wheels or Industrial rubber truck tires. Weight, 685 lbs.

Cipher, Match.

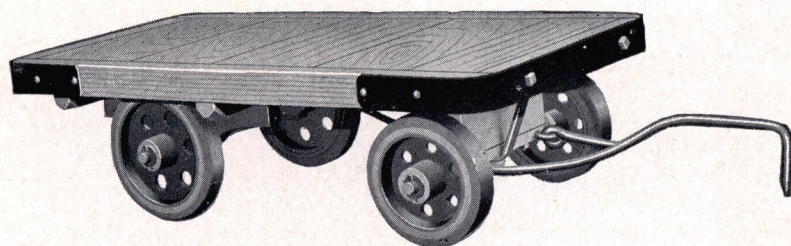


Fig. 815

Reynolds Extra Heavy Trailer

Platform: length, 6 feet; width, 3 feet. Rear wheels: diameter, 18-inch; tread, $3\frac{1}{2}$ -inch; Hyatt or Cage Roller Bearing. Casters, extra heavy staple; 9-inch diameter wheels; tread, $2\frac{1}{2}$ -inch; Hyatt Roller Bearing, or plain. Axle, $1\frac{1}{2}$ -inch square. Weight, 530 lbs.; less coupler, 490 lbs. Caster bolster, $3\frac{1}{2}$ -inch thick. Rounded corners banded by $\frac{1}{4}$ -inch x 4-inch steel. Draw bars, $\frac{5}{8}$ -inch round extending through entire length of truck. Flare boards, $1\frac{1}{2}$ -inch x 3-inch. Stake pockets on ends and sides, all inside; do not project. Your choice of couplers. Two removable pipe handles with each trailer.

Cipher—Condole.

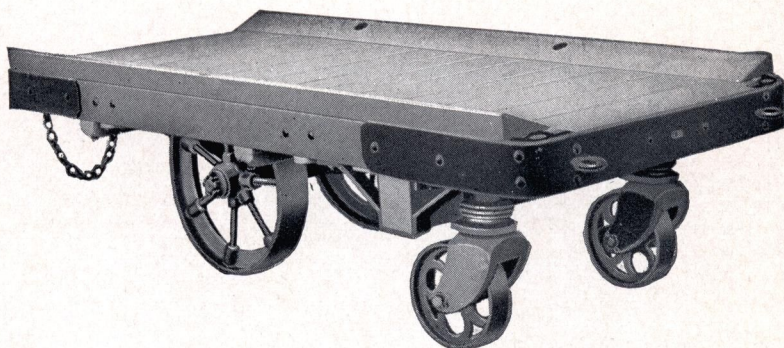


Fig. 845



All Steel Trailer

Caster Type

Fig. 795

SPECIFICATIONS

FRAME is made of one piece of 3x2½x5/16-inch Tee-Iron electrically welded at the joint, also two center Tee-Irons running lengthwise and four angle cross members. **PLATFORM** is of 1-inch hardwood, dressed; size 3x6 feet.

WHEELS and CASTERS are electric steel castings, all crown face, with Hyatt Roller Bearings. Rear wheels, 12-inch by 3½-inch. Front wheels, 10-inch by 3-inch. All accurately machined. The ball race in the casters is accurately machined and equipped with large steel balls.

STAKE POCKETS and AXLE BRACKETS are of cast steel heavily reinforced.

REAR AXLES are 1¼-inch in diameter and of 30:40 Carbon steel with pipe spacers and four points of support. **RACKS** are of 1-inch, double-strength pipe bent out at top. Racks can be used on either ends or sides of platform.

LUBRICATION: Alemite fittings in all bearing parts. Coupler: can furnish Hook and Eye, Chain, or Automatic Coupler. **CAPACITY**, 5,000 pounds. **Weight**, 500 pounds.

Cipher, Marsh.

The outside frame of Lansing All-Steel Trailer is made of one piece of heavy T-iron electrically welded at the joint, making the frame considerably stronger than if made of two pieces riveted at each end. Corners are rounded on bulldozer, and cross members are electrically welded to the outside frame.

The cross angles and longitudinal T irons are a distinctive feature of the Lansing All-Steel Trailer, and these cross supports take considerable strain off the axle and the center of the truck itself.

These trailers are designed to stand up under the most severe sling load work.

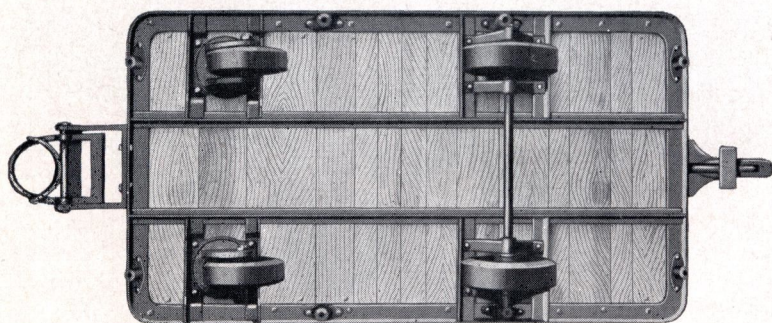


Fig. 796. BOTTOM VIEW

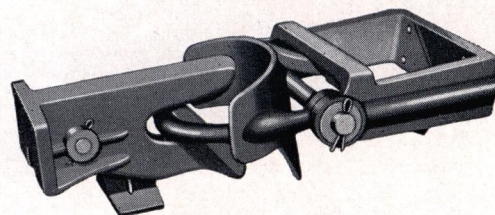


Fig. 990

LANCO AUTOMATIC COUPLER

Pat. App. For.

This flat top coupler cannot become uncoupled until uncoupled by operator.

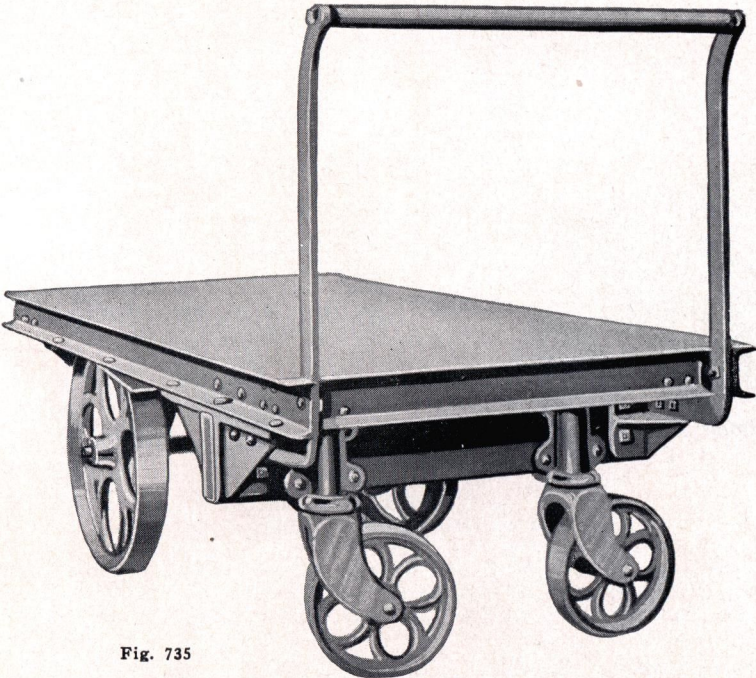


Fig. 735

**All-Steel
Reynolds Trucks**

Similar in sizes and shape to our Reynolds Trucks, figure 40, except made entirely of steel.

**FACE OF WHEELS
AND CASTERS**

Trucks numbered 1S to 8S inclusive, have casters with 1¼-inch tread; wheels 2-inch tread.

Trucks numbered 9S to 22S inclusive, have casters with 1½-inch tread; wheels 2¼-inch tread.

Made in the Following Sizes

No.	Cipher	Size of Platform, Feet*	Diameter of Wheels, Inches	Diameter of Casters, Inches	Height to Top of Platform, Inches	Capacity, Lbs.	Weight, Lbs.
1S	Enchant	2 x4	12	6	14	2,000	253
3S	Enchase	2½x4	12	6	14	2,000	270
4S	Enclitic	2 x5	12	6	14	2,000	270
5S	Endemic	3 x4	12	6	14	2,000	286
6S	Endorse	2½x5	12	6	14	2,000	290
8S	Endow	3 x5	12	6	14	2,000	313
9S	Endue	2 x4	18	9	19	4,000	348
11S	Enervate	2½x4	18	9	19	4,000	365
15S	Engrave	3 x4	18	9	19	4,000	381
16S	Enslave	2½x5	18	9	19	4,000	385
18S	Entangle	2 x5	18	9	19	4,000	365
19S	Entice	2 x6	18	9	19	4,000	381
20S	Environ	2½x6	18	9	19	4,000	408
21S	Epigram	3 x5	18	9	19	4,000	408
22S	Epithet	3 x6	18	9	19	4,000	431

*The trucks are about 4 inches longer over all.

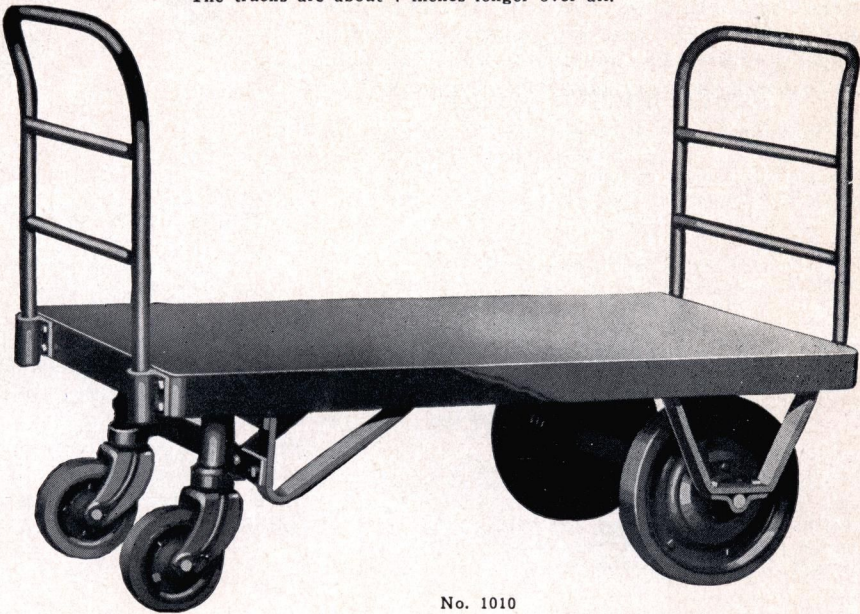
**Lanco All-Steel
Platform Truck**

A light but sturdy platform truck having platform, end rails and side rails pressed from one sheet of steel. Corners electrically flow welded.

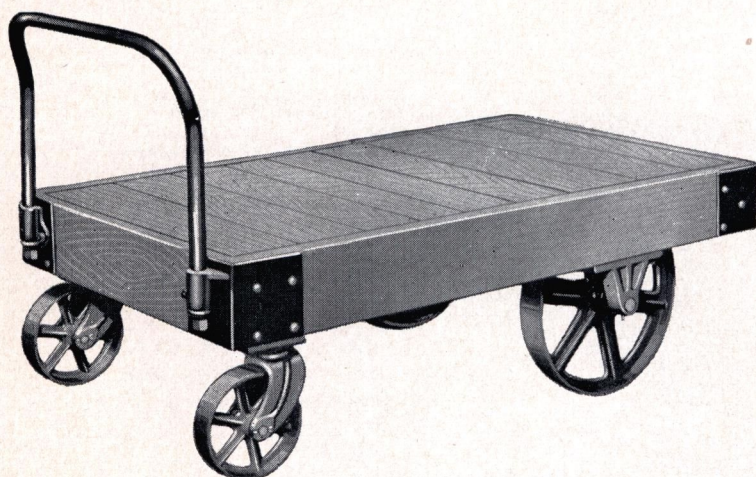
8x2½-inch and 16x3-inch Woodruff Moulded Demountable Rubber Wheels with Hyatt Roller Bearings.

Can be furnished with any size platform desired.

Cipher, Unload.



No. 1010



No. 1090

Made in platform sizes from 2x3 feet to 3x8 feet. The side and end rails are 2x6-inch hardwood, dressed. Platform is countersunk with side rails. Corners are squared and ironed. The strong, handy pipe-handle is bent out at the top. The Lanco Warehouse Truck is strongly and rigidly built, runs easily and is handy anywhere.

Cipher, Meddle.

New York Warehouse Truck

Medium Duty

Running Gear: Center wheels, 14x2½-inch. Axle, 1-inch round, attached to frame by axle-bearings. Casters, ball bearing, Fig. 527. Wheel, 6-inch by 2-inch face. Platform: 15 inches from floor of 1-inch kiln dry hardwood, jointed. Superstructure: Two removable wood end racks, 26 inches high above platform. Capacity, 2,500 lbs.



Fig. 843

New York Warehouse Truck

Heavy Duty

Running Gear: Center wheels, 14x3½-inch. Axle, 1-3/16-inch round. Casters, ball bearing, Fig. 527. Wheel, 6¾x2¼-inch. Platform, 16 inches from floor, of 1-inch kiln dry hardwood. Superstructure: Two removable end racks, 26 inches high above platform. Capacity, 4,000 lbs.

Size of Platform	Wt.
No. 1—30x48 Cipher, Missle.	180 lbs.
No. 2—30x54 Cipher, Mission.	190 lbs.
No. 3—30x60 Cipher, Mistletoe.	220 lbs.
No. 4—36x60 Cipher, Mistrust.	235 lbs.
No. 5—36x72 Cipher, Misuse.	245 lbs.

Size of Platform	Wt.
No. 24—36x60 Cipher, Misdeed.	325 lbs.
No. 25—36x66 Cipher, Misdate.	335 lbs.
No. 26—36x72 Cipher, Miscalcount.	345 lbs.
No. 27—42x78 Cipher, Mislead.	375 lbs.
No. 28—42x84 Cipher, Misplace.	385 lbs.

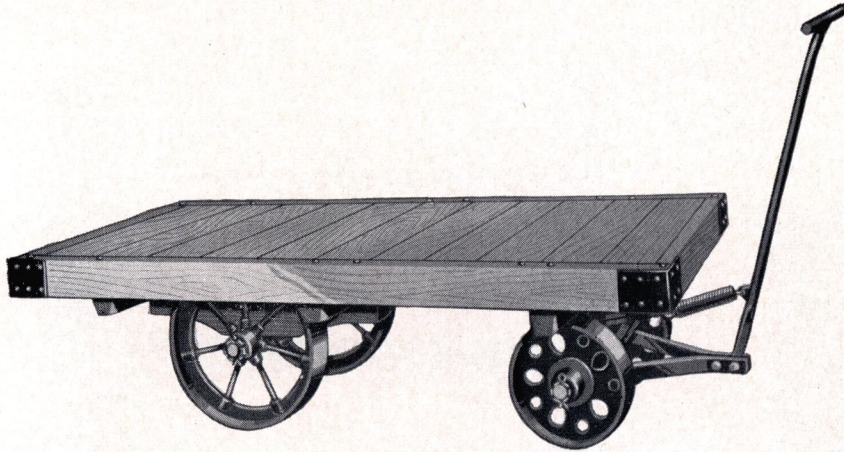


Fig. 644

Lansing Wagon Trucks

Heavy duty platform trucks for all kinds of service. Made of hardwood, nicely oiled and varnished. Steel axles, hounds, tongue and 14-inch fifth wheels with coil spring to hold handle in upright position when not in use.

No.	Cipher	Size of Platform	Rear Wheels	Forward Wheels	Weight	Capacity
58	Barb	30x60	18x2 $\frac{1}{4}$	12x2 $\frac{1}{2}$	293	4,000
59	Barbaric	36x60	18x2 $\frac{1}{4}$	12x2 $\frac{1}{2}$	305	4,000

Extra Heavy Lansing Wagon Truck

Same as Fig. 644 except:

Platform, 72 inches long by 36 inches wide by 19 $\frac{1}{2}$ inches high, made of selected hardwood; heavy, substantial frame. All woodwork oiled and varnished. Rear wheels extra heavy, wrought spoke; 18 inches in diameter, 3 $\frac{1}{2}$ -inch face. Forward wheels 12 inches in diameter, 3-inch face. All roller bearing. Steel axle, 1 $\frac{1}{2}$ -inch square. Fourteen-inch forged steel fifth wheel, steel hounds, tongue and handle with heavy steel coil spring to hold handle in upright position when not in use. Capacity, 4,000 to 6,000 pounds. Weight, 400 pounds.

Cipher, Absolute.

U. S. Platform Trucks

No.	Cipher	Size of Platform	Height to Top of Platform, Inches	Diameter of Wheels, Inches	Weight Each, Lbs.
80	Gavel	2 ft. x 3 ft.	12	7 $\frac{1}{2}$	90
82	Gaudy	2 ft. 4 in. x 3 ft. 4 in.	12	7 $\frac{1}{2}$	115
83	Gesture	2 ft. 6 in. x 3 ft. 6 in.	12	7 $\frac{1}{2}$	125
84	Garter	3 ft. x 4 ft.	13	8 $\frac{1}{2}$	150

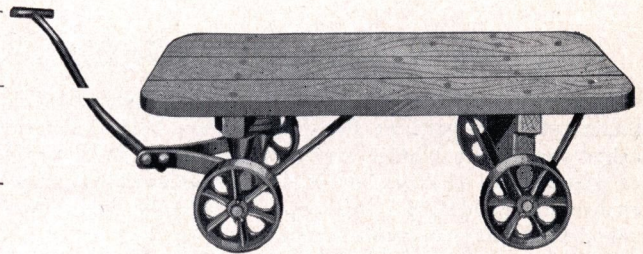


Fig. 70

Grain Wagon Truck

Made of oak. Extra heavy and substantial. Axles, 1 $\frac{3}{8}$ -inch round iron.

No. 1, Fig. 71: Diameter wheels, 11 inches; height to top of platform, 16 inches. Weight, 240 lbs.

Cipher, Garnish.

No. 2, Fig. 71: Diameter wheels, 14 inches; height to top of platform, 18 inches. Weight, 280 pounds.

Cipher, Garret.

Both above trucks have platforms 3x5 feet.

Sheet Metal Truck

No. 3, Fig. 71.

Same as No. 2 Grain Wagon Truck, except platform 2 $\frac{1}{2}$ x7 feet. Long enough so that light sheets will not sag at ends. Diameter of wheels, 14 inches; axles, 1 $\frac{3}{8}$ -inch round iron. Turned bearings. Weight, 290 lbs.

Cipher, Groan.

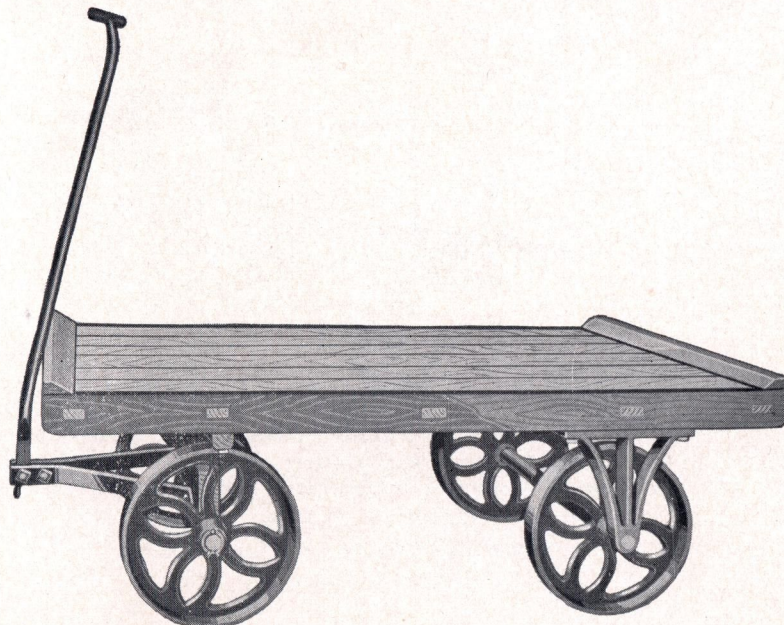


Fig. 71

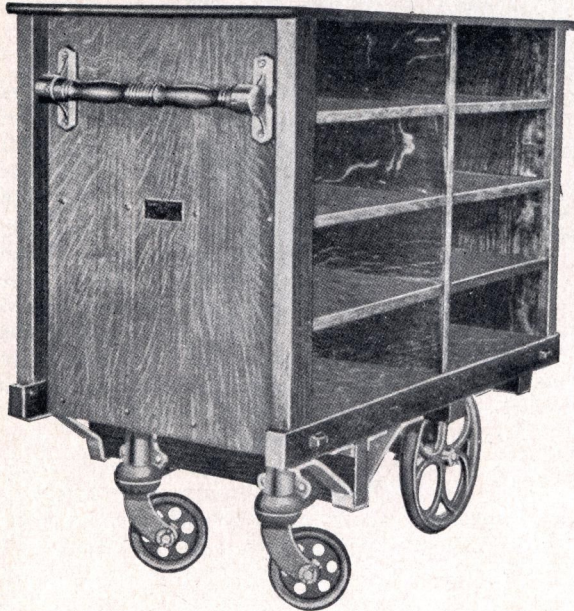


Fig. 846

Lansing Noiseless Office Truck

Lansing builds these trucks to meet individual requirements of customers, at little more than half the price asked for all steel office trucks, nicely finished in white or red oak or cherry, but if desired finished to match any office woodwork. We supply not only useful and substantial but ornamental trucks.

SPECIFICATIONS

Trucks highly finished and polished in natural woods. Metal work above platform nickel plated. Wheels, casters and braces aluminum painted. Equipped with rubber tired or fibre wheels and casters, 12 inches and 6 inches respectively. Casters, the famous Reynolds ball bearing type. Trucks turn in their own length. Built to fit your vault and to carry your individual books. Constructed upon scientific principles.

We make other style of office trucks.

Cipher, Confiscate.



Fig. 923

Lansing Library Truck

Made of selected oak and equipped with Pressed Steel noiseless casters having Heavy Duty Rubber Wheels with ball bearings. Length, 42 inches over all. Width, 14 inches over all. Height, 44 inches over all. Distance between shelves, 13 inches. Finished in natural oak unless otherwise specified. Can also furnish other sizes.

Cipher, Complain.

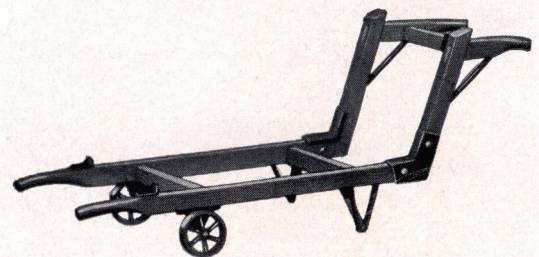


Fig. 91

Trunk Carrier

For carrying trunks upstairs. Used mostly in hotels, colleges, etc. Carrier can be used as a truck when desired, as 4-inch patent rubber tired wheels are used. Weight, 37 pounds.

Cipher, Trunk.

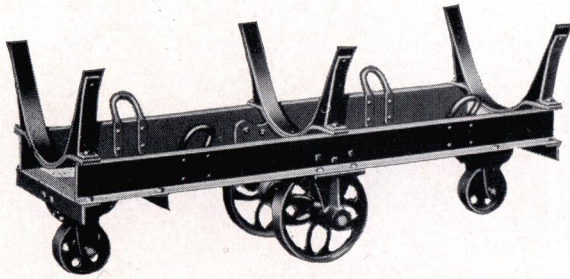


Fig. 922

Heavy Foundry Wagon

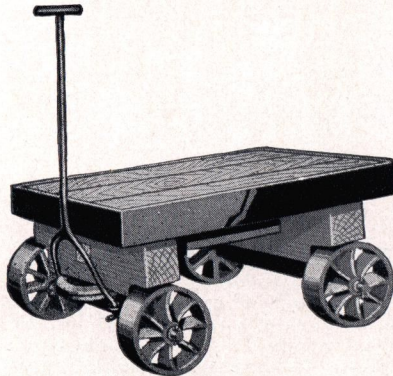


Fig. 60

These trucks are designed for heaviest work about foundries and machine shops, or where a very strong platform truck is required. Too heavy for ordinary work. The truck is furnished with fifth wheel large enough to avoid upsetting. The platform is made of 3-inch hardwood planks. The entire edge of platform is bound with iron, making a platform of great strength and durability. Axle, 2 inches square.

Size 11—30x40 inches; 10½-inch wheels; 4-inch face. Weight, 405 pounds.

Cipher, Glad.

Size 12—36x60 inches; 10½-inch wheels; 4-inch face. Weight, 420 pounds.

Cipher, Glance.

Any size made to order.

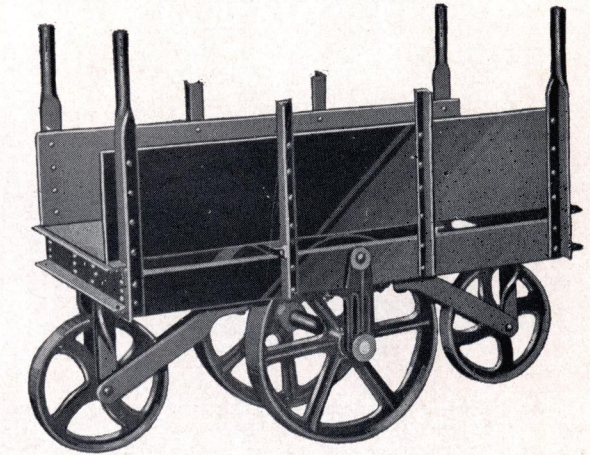


Fig. 165

Forge Shop Truck

Made in various sizes to suit purchaser.

Cipher, Forge.

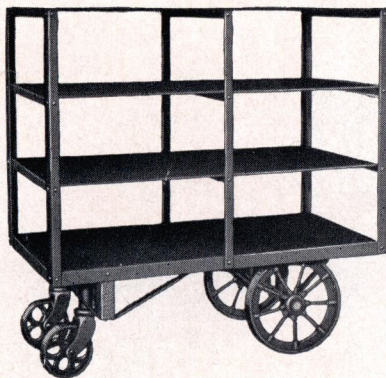


Fig. 510

Core Oven Truck

These trucks are not carried in stock but can be made up to specifications, any size and any number of shelves.

Cipher, Daybook.

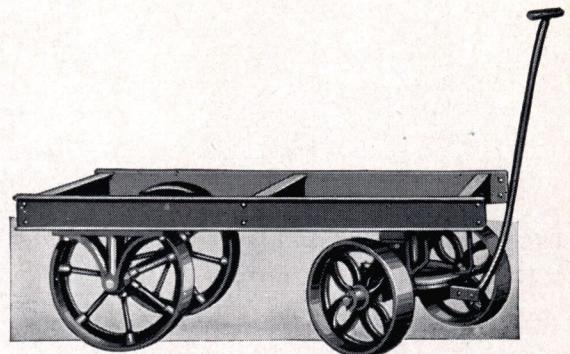


Fig. 503

Automobile Truck

This truck is our own pattern and is especially adapted for use in automobile factories.

Frame of 4-inch channel iron, 5 feet long by 27 inches wide. Furnished with wrought spoke rear wheels, 18 inches diameter, face 3½ inches; forward wheels 14 inches diameter, face 3½ inches; with wrought fifth wheel. Weight, 360 pounds.

Cipher, Auto.

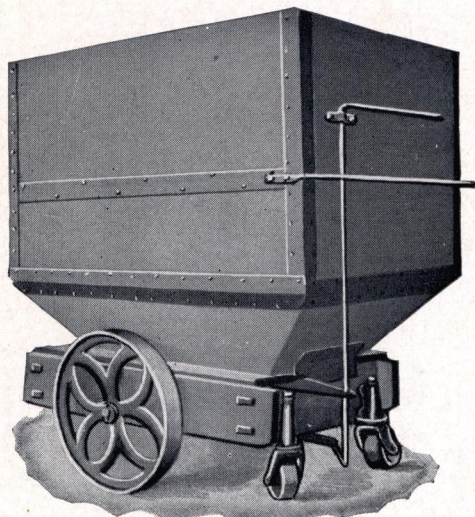


Fig. 742

Hopper Truck

Lansing has made quantities of these trucks for roasters of coffee, and for handling articles in bulk. They are made to order, of any size to suit customer.

The slide in the opening at bottom of hopper is easily operated; there is no necessity for the operator stooping to either open or close it—the slide working in iron ways. The wheels are of large diameter, usually 18 inches, and are set so far under the truck that a considerable portion of the weight rests on them. The ball bearing casters are also of large diameter, usually 9 inches, so a heavy load is easily carried. The wheels and casters are so arranged that the truck turns in its own length.

Cipher, Profuse.

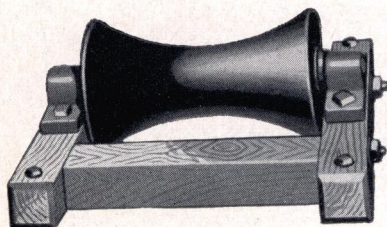


Fig. 646

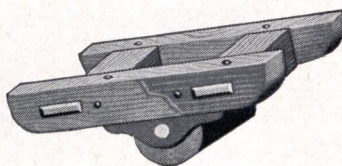


Fig. 98

Timber Dollies

For moving heavy timbers. A very useful article in sawmills, or wherever heavy sticks are handled. Made of hardwood, with roller of cast iron. Wrought axle passes entirely through roller. The truck forms a roller when bottom side up. Numbers 1, 2 and 3 furnished with wood or steel rollers.

No.	Cipher	Figure	Frame	Roller	Weight, Lbs.
1	Guzzle	98	16 x19 in.	6x10 in.	70
2	Gullett	98	19½x26 in.	6x12 in.	80
3	Gelatine	98	18 x24 in.	3x12 in.	45
4	Gauze	646	18 x18 in.	*7x12½ in.	61

*Diameter at center, 3¾ inches.

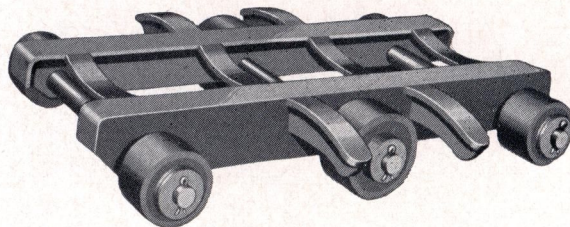


Fig. 991

All Steel Roll Paper Dolly

For Extra Heavy Rolls

Length, 31 inches; width, 24½ inches. Frame of angle iron, cross members of T-iron; wheels, 4 and 5 inches diameter, wide face, with Hyatt Roller Bearings. Weight, 110 lbs.

Cipher, Gravity.

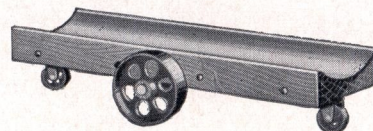


Fig. 107

Roll Paper Truck

For handling heavy rolls of paper used by newspaper publishers. Rolls weighing several hundred pounds can be thrown onto the truck without breaking it. Size, 40 inches long by 14 inches wide. Center wheels, 9½ inches diameter, 3-inch face. Bottom made of 4-inch hardwood plank, hollowed to 3 inches in center, having a flat piece of iron 6 inches wide and ¼-inch thick under each end to which a very heavy wheel in stationary stand is bolted, giving truck a slight tilt. Weight, 106 lbs. Height, 9¾ inches.

Cipher, Gratuity.

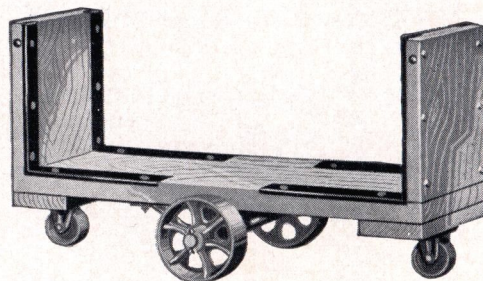


Fig. 99

Heavy Paper Truck

A very strong truck, heavily ironed. Platform and ends of 1¾-inch hardwood, 2x4 feet. Ends, 18 inches high. Diameter of center wheels, 12 inches, with heavy end wheels in stands or casters. Made to order of size to suit purchaser. Weight, 250 pounds.

Cipher, Gratitude.

DOLLIES

Box Trucks

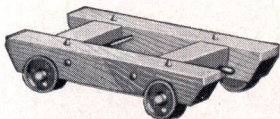


Fig. 75

Low trucks, strong and well made, for handling large boxes or bales. Sharp cone head bolts to prevent package from slipping. Axles turned and wheels bored.

No.	Cipher	Size	Size of Wheel	Size of Frame	Weight, Lbs.
1	Gabble	16x18 in.	3½ in.	2½x4 in.	24
2	Gallant	16x24 in.	4 in.	2½x4 in.	27
3	Garrison	18x26 in.	4½ in.	3½x4 in.	40

Six-Wheel Trucks

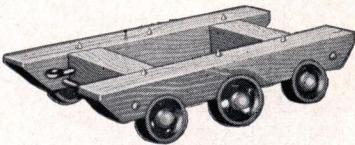


Fig. 164

No.	Cipher	Size	Size of Wheel	Size of Frame	Weight, Lbs.
12	Gull	16x24 in.	3½ in.	3 x3 in.	26
14	Guillotine	22x36 in.	4½ in.	2½x4 in.	70

Tilting Box Trucks

Size, 16x24 inches. Diameter center wheels, 4½ inches; end wheels, 2½ inches. Center wheels lowered so truck rocks on them and turns easily. For moving heavy boxes. Weight, 35 pounds.

Cipher, Groom; with iron wheels. Cipher, Guide; with rubbered wheels.

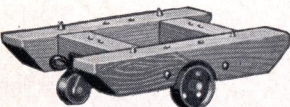


Fig. 78

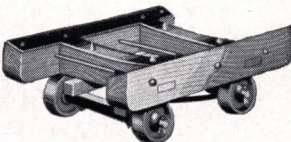


Fig. 79

Tobacco Box Trucks

For moving heavy barrels or hogsheads. Top ironed. Same size as No. 3 Box Truck mentioned above. Weight, each, 45 pounds. Cipher, Gypsy.

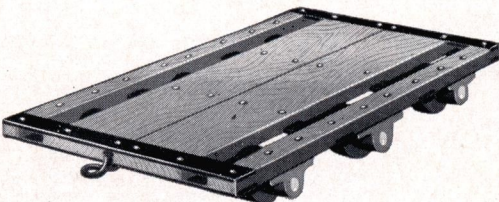


Fig. 428

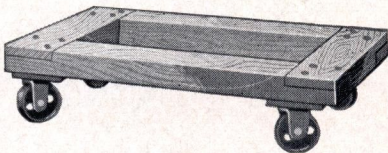


Fig. 126

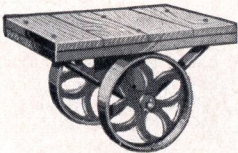


Fig. 97

Builders' Truck

Designed for handling heavy timbers, iron girders, etc. Owing to the large diameter of wheels (18 inches) the load is easily moved. Wheels are made wide tread, 3½ inches, to avoid cutting the ground. Height, 22 inches. Platform, 2x3 feet. Wt., each, 190 pounds.

Cipher, Growl.

Box Truck for Freight Houses

A useful truck for handling heavy loads. Size of platform, 2x4 feet; diameter of wheels, 4½ inches. Weight, 208 pounds.

Cipher, Ghoul.

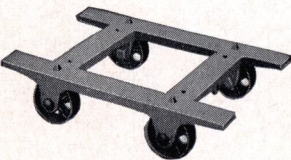


Fig. 822

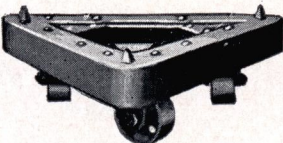


Fig. 623

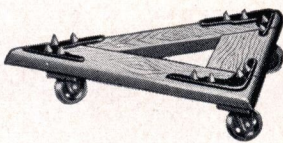


Fig. 123

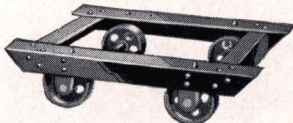


Fig. 111

Iron Box Trucks

Frame made of angle iron. Size, 20x24 inches. Diameter of wheels, 4 inches. Weight, 35 pounds.

Cipher, Frost.

Malleable Box Trucks

Frame of malleable iron. Size, 15x21 inches, 4¾ inches high; wheels, 4-inch diameter. Weight, 27 lbs.

Cipher, Card.

Martin Dawson Truck

Frame made of 2x4-inch hardwood, supported at corners by patent anti-friction casters with 3-inch wheels. Size of frame, 16x27 inches. Any size to order. Weight, 31 pounds.

Cipher, Gamboge.

Triangular Box Trucks

These trucks are strongly made, and adapted for moving barrels, cases, tubs, etc., and run extremely easy owing to the mounting, which consists of three anti-friction casters. This enables them to turn easily under a heavy load. Length of sides, 20 inches on wood truck, 18 inches on steel truck.

All Steel, Fig. 623. Weight, 28 pounds. Cipher, Gallipot. Wheels, 3-inch diameter.
Wood, Fig. 123. Weight, 7 pounds. Cipher, Galaxy. Wheels, 1¾-inch diameter.

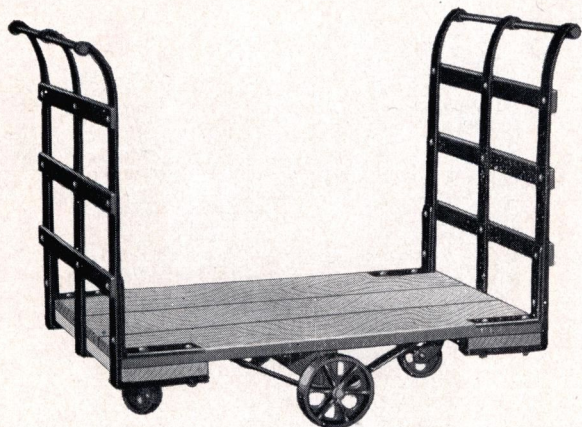


Fig. 73

Lansing Dry Goods Truck

Bottom made of 1½-inch hardwood dressed. Ball bearing swivels at ends. Height of racks from platform, 28 inches. Platform 27x47 inches. Diameter of wheels, 10 inches; diameter of swivel, 5 inches. Weight, 200 pounds.

Cipher, Grumble.

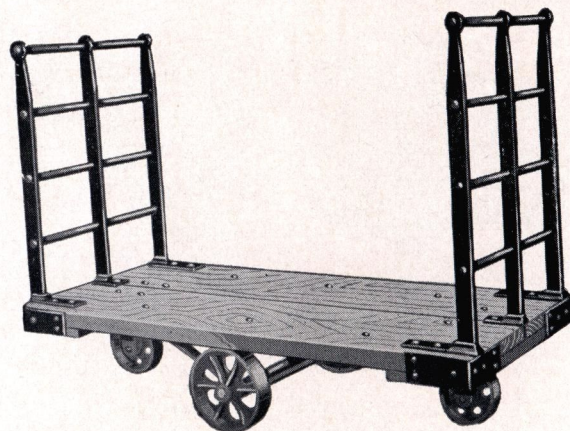


Fig. 92

St. Louis Dry Goods Truck

End racks are strong, held in position by malleable iron castings. Bottom made of 2-inch hardwood dressed. Size, 24x54 inches. Wheels, 8½ inches diameter. Stationary 6-inch wheels on ends. Weight, each, 181 pounds. Height of racks, 30 inches.

Cipher, Stix.

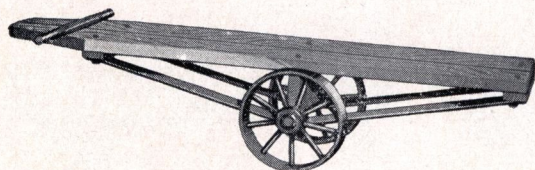


Fig. 96

Stone Truck

The best truck for handling heavy stone, as stone can be rolled on the lower end without lifting. In use by most of the prominent stone dealers. Diameter of wheels, 18 inches; tread, 2½ inches; width of truck, 18 inches; length, 9 feet. Weight, 220 pounds.

Cipher, Gush.

All Steel Wall Paper Truck

It is easily handled, having six wheels, the center ones being 7 inches in diameter, the others 6 inches. The center wheels being somewhat larger than the end wheels, the truck can be tilted and easily turned. Furnished with 1-inch round axles with turned bearings. Length between handles, 48 inches; width, 16 inches. Weight, about 130 pounds.

Cipher, Entity.



Fig. 739

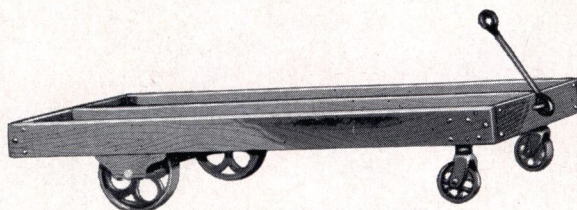


Fig. 87

Gear Truck

Gear manufacturers will see the advantage of using this truck. Instead of two men carrying one gear from place to place, one man with this truck can handle twelve or fifteen gears without running any risk whatever of injuring or marring them. Introduce this system in your factory, buy a trial truck. We are certain you would never regret it, as the saving made by the truck soon pays for it. The truck is 6½ feet long by 3½ feet wide, built very strong, and with 16-inch wheels and 9-inch casters. Weight, 200 pounds.

Cipher, Flagon.

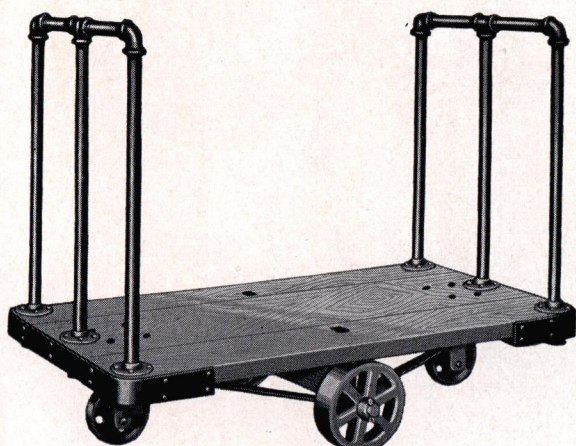


Fig. 446

Dry Goods or Clothing Truck

With Pipe End Racks

Platform 52x27 inches, selected hardwood, ends being strapped with $2\frac{1}{4} \times \frac{1}{8}$ -inch iron. Racks 30 inches high of 1-inch pipe fitted smoothly together with T's and L's, securely fastened to platform with four bolts through malleable iron flanges. Center wheels, $8\frac{3}{4}$ inches diameter, axle $1\frac{1}{4}$ -inch square steel. End wheels, 6 inches diameter in stationary casters (or swivels if preferred). Weight, 180 pounds.

With rubbered wheels: Cipher, Giddy.

With iron wheels: Cipher, Gilly.

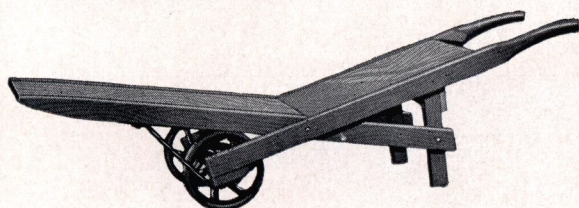


Fig. 959

Kentucky Tobacco Truck

This is a very handy truck. The front end, or dash, tips even with the floor, so that cases, etc., are easily loaded. Frame mortised and well bolted together, and platform matched. Woodwork varnished. Iron parts blacked.

Now made with long iron braces from legs to dash-rail.

Length of platform, $26\frac{1}{2}$ inches; width of platform, $34\frac{1}{2}$ inches; height at deepest curve, $12\frac{1}{2}$ inches; length of dash, 41 inches; wheels, $12 \times 2\frac{1}{2}$ inches. Weight, (approximate), 145 pounds.

Cipher, Kentucky.

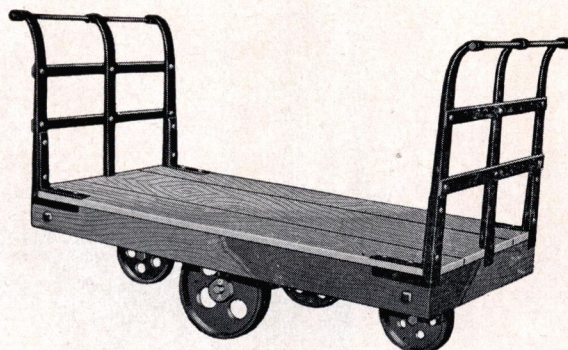


Fig. 89

Post Office Truck

Designed for Carrying Mail Bags in Post Office

A heavy truck with 12-inch wheels at sides, and 9-inch wheels in stationary casters at ends. Platform, $2\frac{1}{2} \times 5\frac{1}{2}$ feet. Iron racks very heavy and strongly braced, 27 inches high. Weight, 418 pounds.

With iron wheels: Cipher, Greedy.

With patent rubbered wheels: Cipher, Gravy.

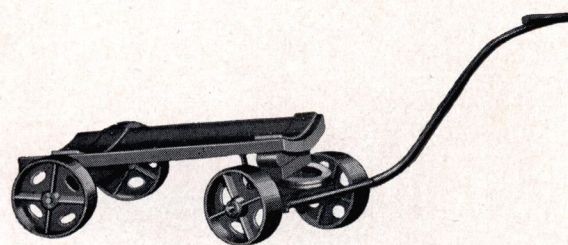


Fig. 926

Depot Tobacco Truck

For handling hogsheads of tobacco, casks of queensware, etc. The platform is higher at front than at rear, so that casks are easily tipped onto truck. Platform, 2-inch hardwood. Two curved iron crossbands, $\frac{3}{8} \times 3$ inches, with four sharp cone head bolts in each, which holds casks in place. Wrought iron fifth wheel, 11 inches in diameter. Iron handle, U shaped at axle, and attached by heavy bolt.

Length of platform, $32\frac{1}{2}$ inches; width of platform, 18 inches; height of platform at front, 13 inches; height of platform at rear, 7 inches; wheels, $10 \times 2\frac{1}{2}$ inches; axles, $1\frac{1}{4}$ inches square. Weight, (approximate), 160 pounds.

Cipher, Nicotine.

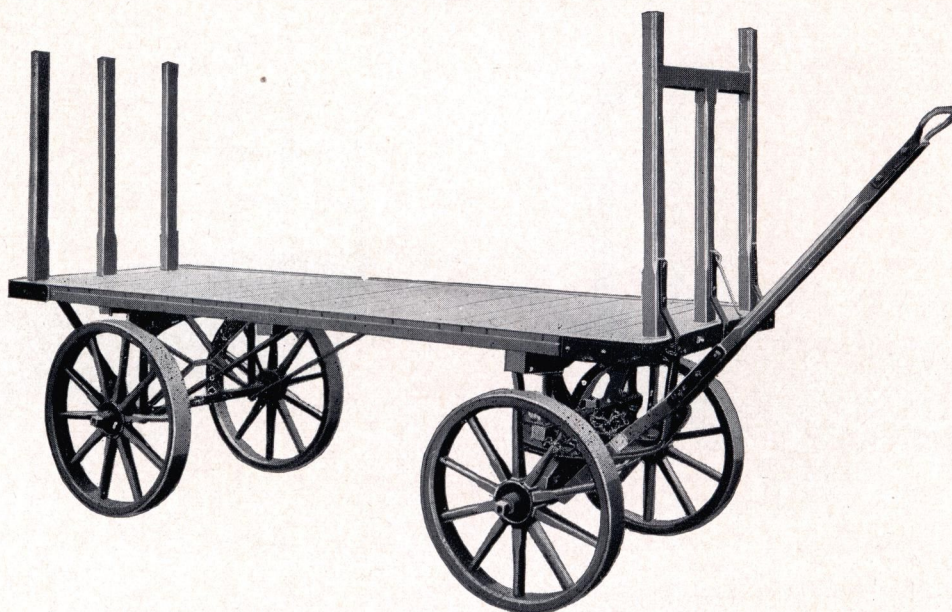


Fig. 80

Railroad and Express Wagon

SIZE 1—These wagons are heavily ironed and well made from steel and iron and selected hardwood. With 20-inch fifth wheel. Front and rear wheels 30 inches in diameter. Platform, 35 inches high, 40 inches wide and 10 feet long. Nicely painted and varnished. Furnished with American pattern wood wheels, steel wheels, or Sarven patent wheels as desired. Roller bearings can be furnished in the steel wheels.

Cipher, Gender; with American pattern wood wheel; weight, 650 pounds.

Cipher, General; with steel wheels; weight 700 pounds.

Cipher, Genius; with Sarven wheels; weight, 650 pounds.

SIZE 2—This wagon is designed to meet the want of a smaller size than No. 1. Just the truck for small passenger stations. Well painted and varnished. With 20-inch wrought spoke wheels. Platform, $2\frac{1}{2} \times 7$ feet. All bearings turned. Weight, about 450 pounds.

Code, Gizzard.

Baggage Barrow

These barrows are made of choice hardwood, are heavily braced and warranted equal in quality to any similar barrows made. Wheels are gray iron bored for axles and axles are turned.

No.	Cipher	Size, Feet	Diameter of Wheels, Inches	Tread of Wheels, Inches	Weight, Lbs.
1	Glowing	2 x 7	18	$2\frac{1}{2}$	215
2	Glassy	$2\frac{1}{4} \times 8\frac{1}{2}$	20	$2\frac{1}{2}$	280
3	Gallows	$2\frac{1}{2} \times 10$	20	$2\frac{1}{2}$	340

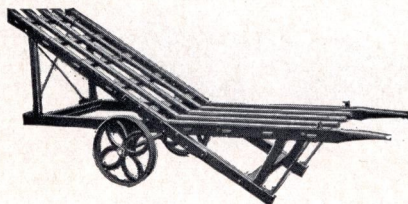


Fig. 82

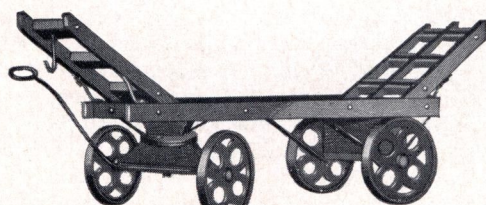


Fig. 83

Open Bottom Baggage Wagon

No.	Cipher	Fig.	Size, Feet	Diameter of Wheels, Inches	Length of Dash, Inches	Weight, Lbs.
1	Gaston	83	2 x 7	18	28	400
2	Gateway	83	$2\frac{1}{4} \times 10$	18	35	550
3	Gathering	83	$2\frac{1}{2} \times 12$	18	44	650

Turned bearings; wheels bored. Made of selected material. Very heavy, strong wagons, built to last.

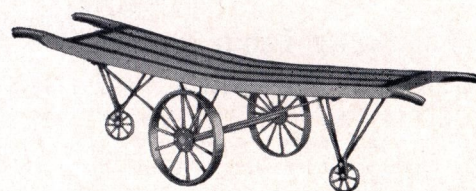


Fig. 84

Curved Pattern Baggage Barrow

No.	Cipher	Fig.	Size, Feet Over All	Diameter of Wheels, Inches	Weight, Lbs.
1	Gawky	84	2 x 7	20	270
2	Gazette	84	$2\frac{1}{4} \times 10$	20	300
4	Grammar	84	$2\frac{5}{8} \times 9\frac{1}{2}$	30	370

Turned bearings; wheels bored. A convenient barrow. No better barrow of this kind is made.

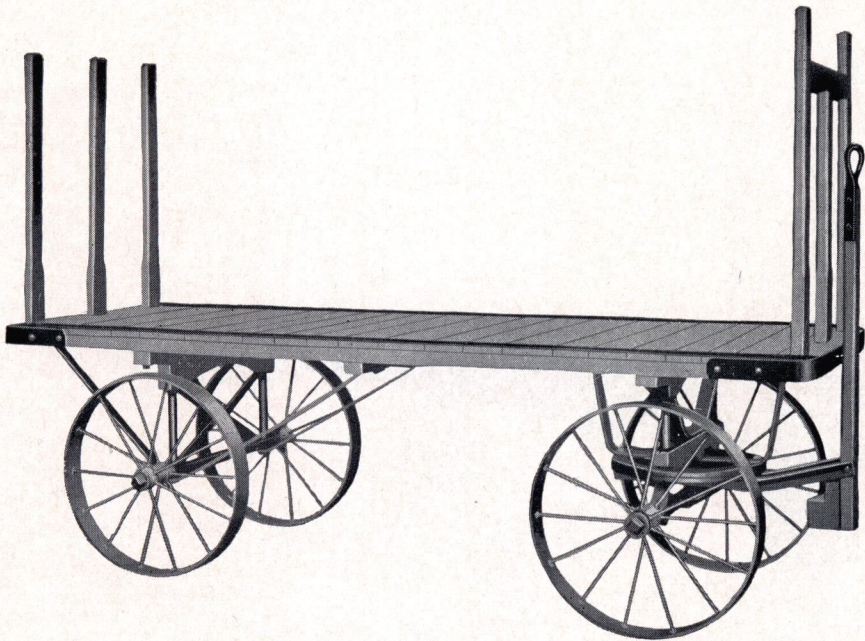


Fig. 980

This is our No. 1, Fig. 80, Baggage Wagon as shown on Page 44, but equipped with steel wheels and weighted handle. Hard Rubber Tired as well as Pneumatic Rubber Wheels can also be furnished.

The Wheels come with Hyatt, Cage or Plain Bearing hubs.



Fig. 737

Wholesale Grocers' Trucks

These trucks are heavier in construction than our Figs. 446, 92 and 73 shown on pages 42 and 43. End racks are made of heavy double bars and strongly bolted to the platform. Center axle is supported by heavy bolster of wood and well braced.

Cipher	Size of Platform, Inches	Diameter of Center Wheels, Inches	Diameter of End Wheels, Inches	Weight, Each, Lbs.
Empire	30x54	14x2 ⁵ / ₈	8 ³ / ₄ x2 ¹ / ₂	336

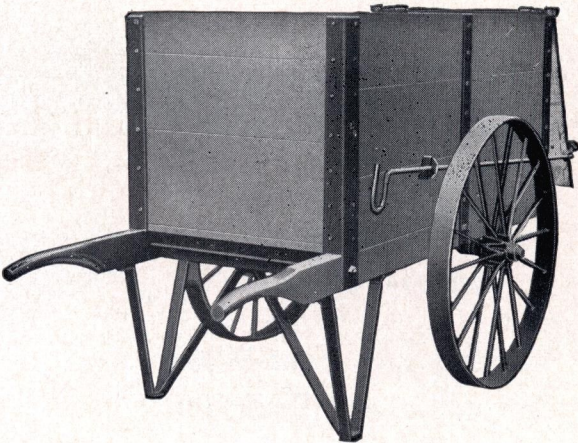


Fig. 250

Lanco Ice Cart

Box made of 1 inch hardwood lumber, dressed. Heavily ironed at corners and sides. Sturdy legs. 36 inch staggered spoke steel wheels. Gate or door at end opposite handle can be opened and shut with lever at handle end. These are not carried in stock, but can be made up in any size to suit purchaser.

Cipher, Icecart.



Fig. 844



Fig. 846

Lansing Low Four-Wheeler Stevedore and Dock Truck

Platform: 36 inches by 72 inches by $2\frac{1}{2}$ inches thick. 16 inches high. Platform is cross supported with two steel bars $36 \times 3 \times \frac{1}{2}$ -inches set over each axle.

Wheels: 12 inches, 3-inch face, with Hyatt Roller Bearings and Alemite fittings.

Axles: $1\frac{3}{4}$ -inch square, front and rear.

Fifth Wheel: Two solid plates, 15 inches diameter, $\frac{1}{2}$ -inch thick.

Handle: Solid forged handle with flat steel brace $1\frac{1}{2} \times 3 \times \frac{3}{8}$ -inch between arms.

Remarks: This truck also made 21 inches high with platform 3 inches thick. This height of truck is furnished with 16-inch wheels, 3-inch face.

Cipher, Grade.

Easy Running Trucks

These trucks are made entirely of steel and are light in weight but sturdy enough to stand up under heavy loads continuously.

SPECIFICATIONS

	No. 54	No. 55
Size of Platform (12-gauge steel)	24"x48"	27"x52"
Platform from floor	$10\frac{1}{2}$ "	$10\frac{1}{2}$ "
Handle from floor	36"	36"
Weight	140 lbs.	160 lbs.
Cipher	Gradual	Graduate

Casters, 8-inch Pressed Steel with ball bearings in upper races and Hyatts in wheel hubs. Wheels are Heavy Duty Rubber Tired.

Rack can be furnished as illustrated on both ends or one end only. Handle with only one cross bar can be furnished if desired.

Easy Running Trucks

This truck is similar to the All Steel Truck in construction except that it has a hardwood platform.

SPECIFICATIONS

	No. 56	No. 57
Size of platform	24"x48"	27"x52"
Platform from floor	12"	12"
Handle from floor	37"	37"
Weight	150 lbs.	160 lbs.
Cipher	Graphic	Grapple

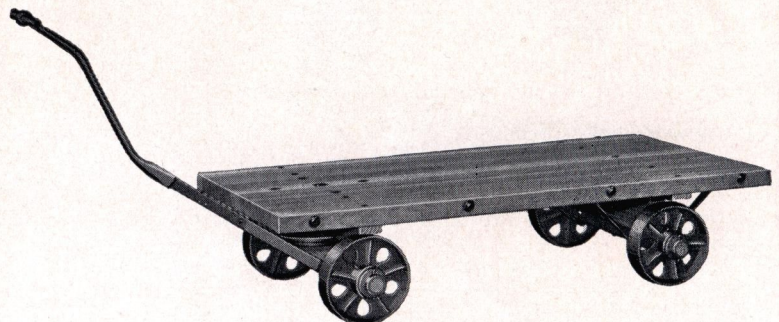


Fig. 924

The standard Stevedore-Steamship Truck designed for easy hand operation and to stand up under the constant abuse a truck is subjected to in the handling of general cargo in and out of a ship by means of SLING LOADS.

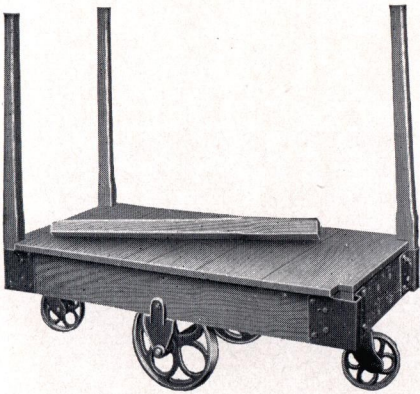


Fig. 85

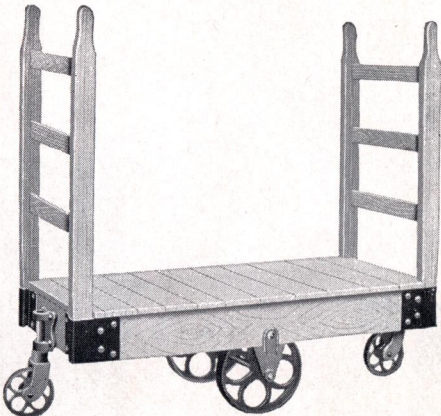


Fig. 170

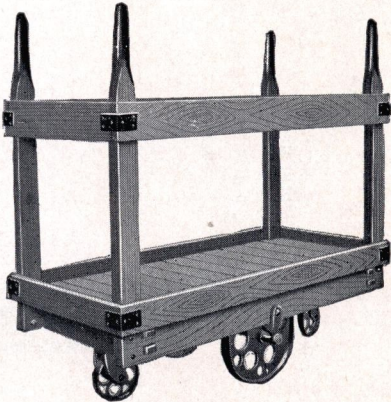


Fig. 802

Furniture Trucks

No.	Cipher	Width Truck	Length Between Stakes	Diameter of Wheels	Diameter of Casters	Weight, Lbs.
1	Gangway	2 ft.	4 ft.	12 in.	7 in.	140
2	Gainsay	2 ft.	4 ft.	16 in.	7 in.	170
3	Gallery	3 ft.	5 ft.	12 in.	7 in.	195
4	Gallop	3 ft.	5 ft.	16 in.	7 in.	215
5	Gallic	2 ft.	5 ft.	12 in.	7 in.	168
6	Gallnut	2 ft.	5 ft.	16 in.	7 in.	188

Made of hardwood for heavy work in woodworking plants. Sides and ends made of 2-inch hardwood dressed; platform of 1-inch hardwood dressed; axles with turned bearings. Stake pockets on corners are made of pressed steel. End racks on Fig. 170, as well as stakes on Fig. 85, removable. The taper of corner sockets hold them in place. A strong, cheap truck; nothing fancy about finish. The woodwork is not entirely clear, but contains no knots or defects that will materially weaken it.



Fig. 449

Lansing Accumulation Truck

This truck is very convenient for handling small articles and is regularly made with a platform measuring 24x50 inches, 14-inch center wheels, 7-inch casters. Can be made up special size if desired.

Weight extra, 200 lbs.
Cipher, Accumulate.

Hardware Truck

Almost every hardware or dry goods house can use one or more of these trucks to advantage. They are a necessity in most stores, and are also used largely by printers, binders, etc. The end gates are removable. We carry them in stock; size, 36x24x21 inches deep; mounted on 1-inch axle, with 5-inch wheels. Weight, 140 lbs.

Cipher, Heraldine.

Fredericks Trucks

These trucks are made to order to suit customers. Usually furnished with 6-inch wheels and 4-inch ball bearing end casters. Let us know the size and quantity wanted, and close price will be made.

Cipher, Frederick.

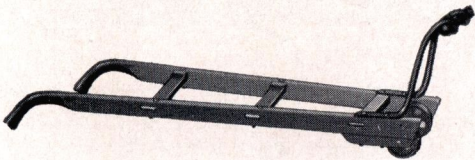


Fig. 48

Stove Carrier

Every dealer in stoves should have one of these carriers. They are light, yet strong. Can be used as a truck and are the most convenient thing for the purpose made. Weight, 25 lbs.

Cipher, Thirst.

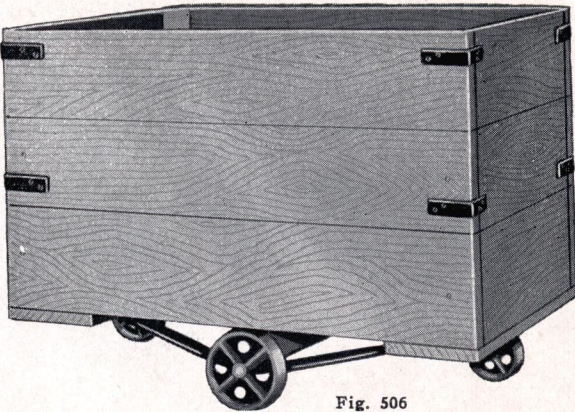


Fig. 506

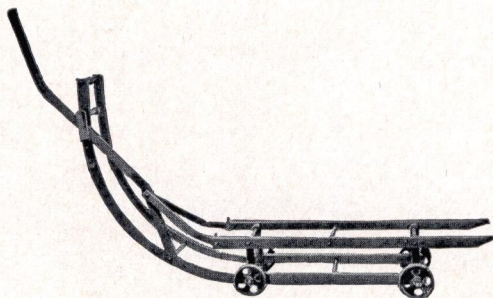


Fig. 791

Baltzly Steel Stove Truck

When the Baltzly Stove Truck is not moving stoves it will be handling refrigerators, barrels of oil, boxes of merchandise, coils of wire, and, in fact, anything movable about your store. When lowered the platform is four inches from the floor; when raised it is seven inches above it. Weight, 50 lbs.

Cipher, Scintilla.

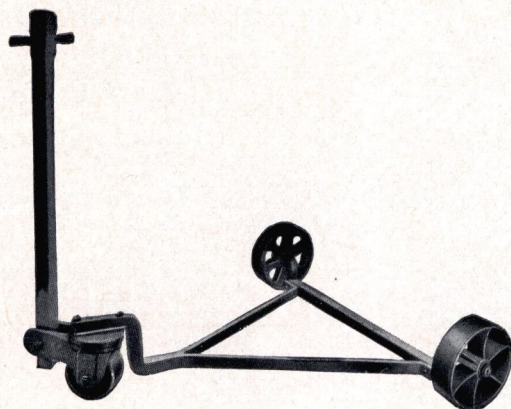


Fig. 451

Cask Truck

This truck is designed for handling heavy casks, barrels, and tubs when necessary to carry in an upright position. Made strong and of iron throughout. Framework and axle is welded into one piece of steel.

No. 1—Wheels, 10½ inches by 3 inches; Caster, 6-inch diameter; axle, 1½-inch square iron; width between axles, 34 inches. Weight, 125 lbs.

Cipher, Tableau.

No. 2—Wheels, 7½ inches by 2 inches; caster, 4-inch diameter; axle, 1¼-inch square iron; width between axles, 21 inches. Weight, 50 lbs.

Cipher, Tadpole.

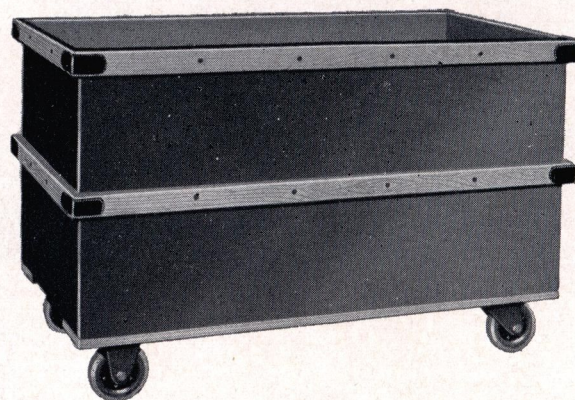


Fig. 928

Steel Box Trucks

Substantially made of 17 gauge steel, corners riveted. The wood guards not only add to the strength but protect the truck. There are also rubber bumpers at corners for added protection. The steel box is mounted on a hardwood platform.

The running gear consists of two 5-inch Pressed Steel Swivel and two 5-inch Pressed Steel Stationary Casters with Heavy Duty Rubberized Wheels and Hyatt Roller Bearings.

The following sizes are carried in stock:

Cipher, Contest; 24 inches deep, 24 inches wide, 47 inches long. Weight, 160 lbs.

Cipher Contort; 30 inches deep; 30 inches wide, 60 inches long. Weight, 180 lbs.

(Inside measurements)

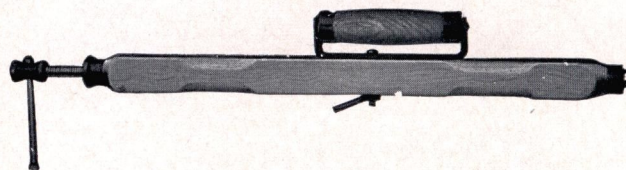


Fig. 635

Adjustable Car Door Roller

An exceedingly convenient rig for loading and unloading of cars. Adjustable to fit various widths of doors. Weight, 35 lbs.

Cipher, Adduce.

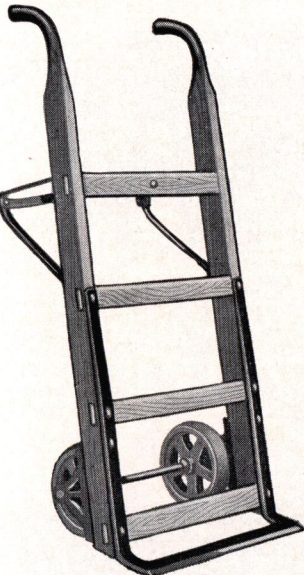


Fig. 442

Hotel Trucks

These trucks are carried in stock in a variety of sizes. Either Fibre or Rubbered Wheels can be furnished; also ball bearings if desired.

No.	Cipher for Rubber Tired Plain Bearing	Description	Weight, Lbs.	Length of Handle, Inches	Diameter of Wheel, Inches	Width, Inches
1H	Farewell	Half Ironed	45	48	7	19
2H	Fauna	Half Ironed	65	52	8	20
3H	Fabric	Half Ironed	80	56	9	22
21H	Fabian	Full Ironed	50	48	7	19
22H	Fairy	Full Ironed	70	52	8	20
23H	Family	Full Ironed	90	56	9	22

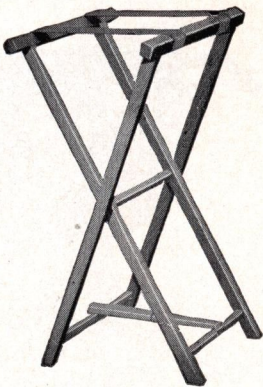


Fig. 792

Lansing Tray Stand

A real sturdy Tray Stand made of Michigan hardwood. Finished in the natural wood or in walnut.
Cipher, Trastand.

Lansing Improved Dish Truck—No. DT-30
For Hotels and Restaurants

These trucks are being used by some of the largest hotels and restaurants in the country and are a great time and money saver. The trays are removable, and can be furnished in the natural wood or galvanized steel. The standard size is 32 inches long and 20 inches wide. Deeper trays or half-size trays can be furnished if desired. The truck will turn in its own length, and being only 22 inches wide can be handled with the greatest of ease. It is made very strong and still light enough to push easily under a heavy load. Equipped with 8-inch pressed steel Hyatt Roller Bearing rubbered wheels and casters. Nicely finished in green lacquer. Weight, 125 lbs. Hyatt Roller Bearings in wheels.
Cipher, Palmer.

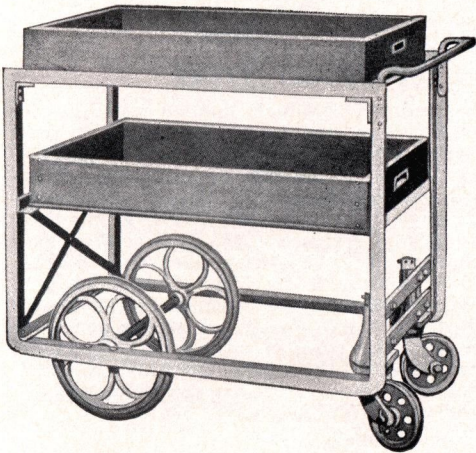


Fig. 740

Lansing Dish Truck

The trays are removable. The standard size is 32 inches long and 20 inches wide. The truck will turn in its own length, and being only 22 inches wide, can be used in a crowded dining room with the greatest ease. Equipped with 12-inch rubbered wheels and 6-inch ball bearing rubbered casters. Nicely finished in aluminum paint. Weight, 98 lbs., less trays; trays, 17 lbs. each.
Cipher, Race.



Fig. 929

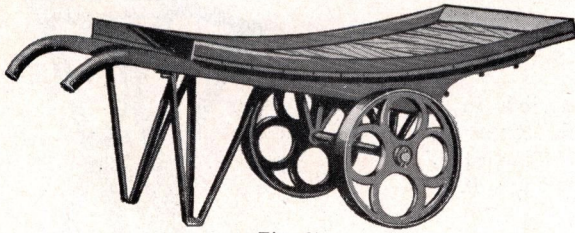


Fig. 61

Ham and Bacon Truck

Size over all, 80 inches. Size platform, 35x62 inches. Size wheels, diameter, 20 inches; face, 2½ inches. Handles, bent. Weight, about 225 lbs. Axles, turned. Wheels, bored and faced.

Cipher, Bonus.

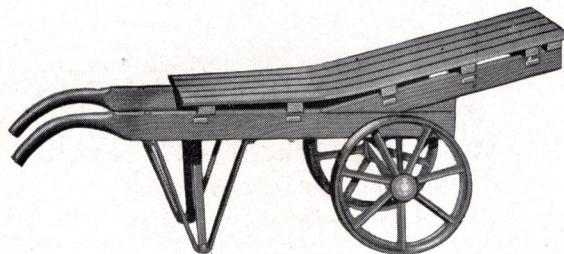


Fig. 104

Western Packing Truck

Very strongly made with 2x4-inch handles. Top very tough 1x5-inch boards, five in number, with about 2-inch space between each piece. Platform, 4 feet 8 inches long; 2 feet 5 inches wide. Truck, 6 feet 8 inches long over all. Heavy 20-inch wheels. Turned bearings. Weight, 215 lbs.

Cipher, Booby.

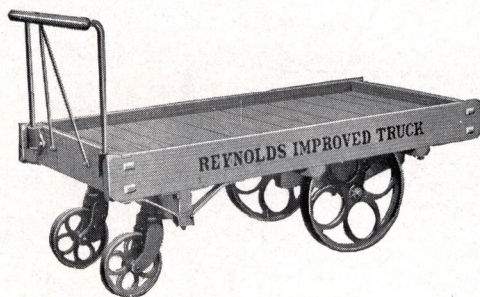


Fig. 159

Reynolds Packers' Truck

Made in same sizes as Reynolds Improved Trucks, but edges of frame beveled and raised two inches above platform to prevent meat from slipping off.

St. Louis Keg Truck

A very convenient truck for light work. Board is made of 1-inch hardwood selected. Weight, 20 lbs.

Cipher, Fireman.



Fig. 68

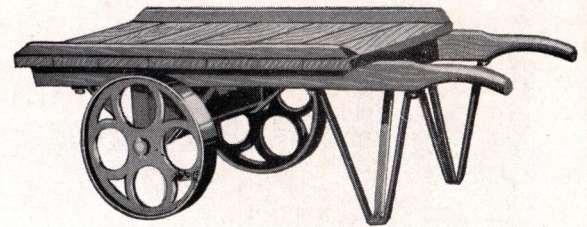


Fig. 103

Hog Truck

Platform, 32x52 inches. Height from floor, 22 inches. Diameter wheels, 18 inches; tread, 2½ inches. Turned bearings. Strong, well made trucks. Weight, 200 lbs.

Cipher, Bonfire.

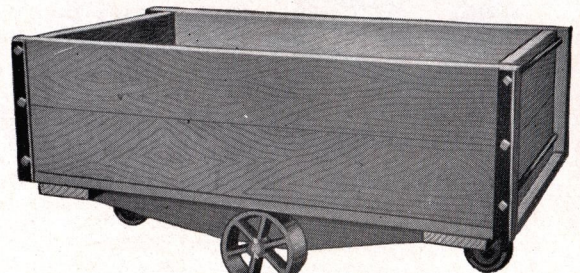


Fig. 137

Seeder Truck

Box made of 1½-inch lumber dressed and matched. Size, inside measurement, 3 feet 3¼ inches wide, 5 feet 5½ inches long, 19¾ inches high. Ends are dadoed into sides, sides are held together by ½-inch rods passing through ¾x2-inch iron straps at the end of the sides. Axles are 1½-inch square, and are supported by 1¾-inch hardwood planks bound on underside by iron. Heavy 12-inch wheels and a 6-inch heavy wheel in stationary stand at the ends. A box of galvanized iron is set into the wooden box, is not attached, but can be easily lifted out and cleaned. The wooden box is only to protect the inner galvanized box. Weight, about 500 lbs.

Cipher, Seeder.

Pork Barrel Truck

An extremely useful truck for handling heavy barrels. Heavy, strong and well made. Diameter of wheels, 9½ inches. Weight, each, 60 lbs.

Cipher, Heathen.



Fig. 142

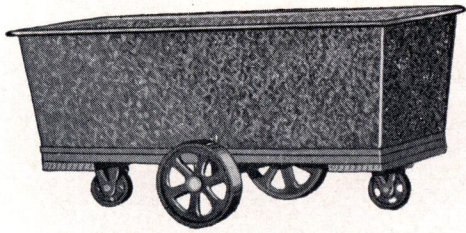


Fig. 138

Meat Truck with Galvanized Box

These tank trucks can be made any size to suit purchaser. They are not carried in stock but made to order. In asking for price name size and quantity wanted.

Cipher,
Holiday.

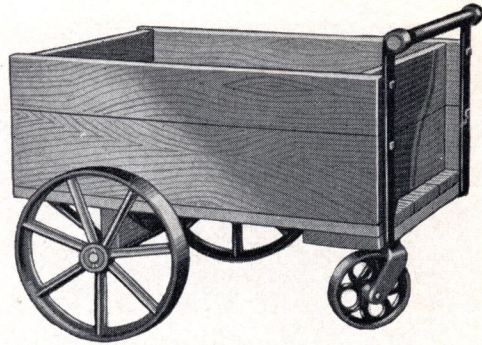


Fig. 136

Dutch Truck

A small, heavy truck, made of 1¼-inch hardwood, with box 26x36 inches inside and 15 inches deep; with heavy 20-inch wheels, and 9-inch heavy swivel caster on one end. Weight, 260 lbs.

Cipher, Dutch.

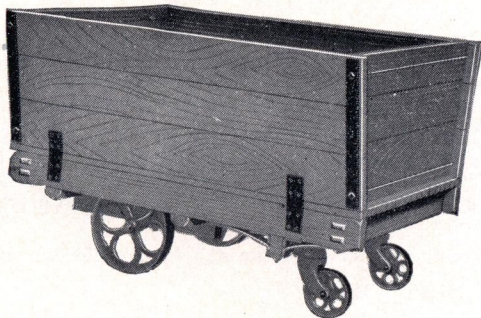


Fig. 55

Reynolds Sausage or Mixing Truck

This is a Reynolds Truck, with special box for carrying sausage or scraps of meat in packing houses. Box, 30x52 inches at top; 24x48 inches at bottom; 18 inches deep; made of 1½-inch lumber; 12-inch wheels; 6-inch ball bearing casters. Weight, 261 lbs.

Cipher, Mellow.

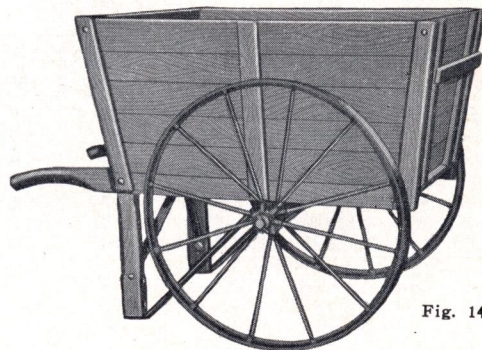


Fig. 143

Fat Cart

Used by meat packers for handling scraps. Balanced for easy dumping by lifting handles. End board opposite handle end lifts out. Hardwood throughout, furnished with heavy iron wheels 36 inches diameter, 2-inch tread, wheels weigh about 70 lbs. each. Box made of 1-inch hardwood. Box 24 inches high, 24 inches wide on bottom, 30 inches wide on top; 40 inches long on bottom, 46 inches long on top; length of cart over all, 62 inches. Axles, 1¼ inches square with turned bearings. Weight, each, 300 lbs.

Cipher, Barber.

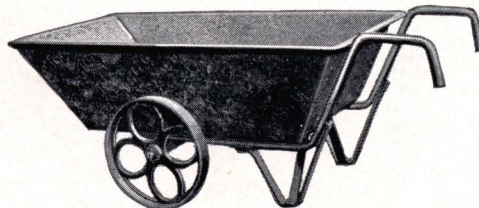


Fig. 847

Lansing Sanitary Lard Truck

Tray, 14 gauge galvanized steel, reinforced all around top with 1-inch angle. Top, 31x60 inches. Bottom, 24x38 inches; 16 inches deep. Frame, Lansing improved tubular and channel steel construction, has no equal for strength and durability. Handles bent into "never-slip" curves, securing a safe grip for either pushing or pulling. Wheels, 18 inches diameter, face, 2½ inches; bored and faced. The adjustment of wheels to the bed is so nicely balanced that heavy load is wheeled with greatest ease. Capacity, 1,000 lbs. Weight, 220 lbs.

Cipher, Confute.

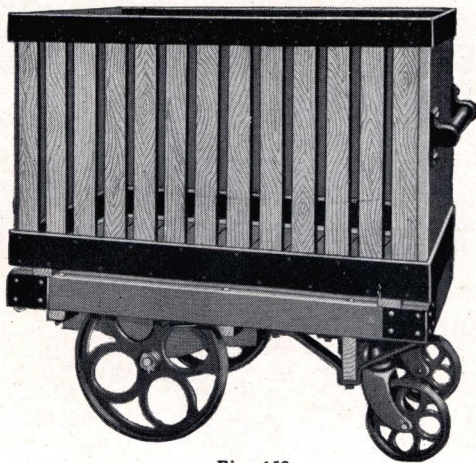


Fig. 158

Reynolds Pork Truck

No.	Cipher	Size of Box Outside, Inches	Depth of Box, Inches	Diameter of Wheels, Inches	Diameter of Casters, Inches
31	Abaft	48x24	30	12	6
32	Abrade	48x30	30	12	6
33	Abate	48x36	30	12	6
37	Abrupt	48x24	30	18	9
38	Abbot	48x30	30	18	9
39	Abed	48x36	30	18	9
40	Abhor	54x30	30	18	9

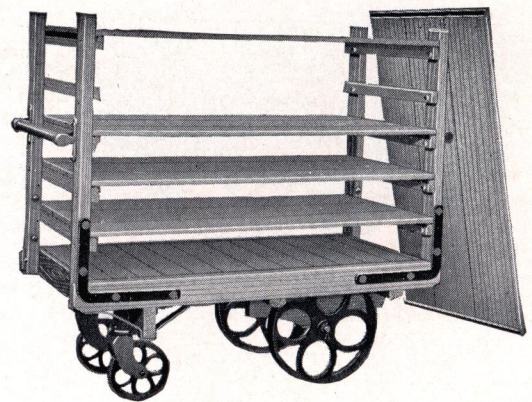


Fig. 52

Reynolds Meat Truck

One type of Reynolds truck used in packing houses and butcher shops for keeping meat in shape during handling. The truck with load can be run into the refrigerator and meat left on truck while cooling.

Decks are made strong, of 1-inch hardwood, removable, 6 inches apart. Platform, 30x52 inches; wheels, 18 inches in diameter; casters, 9 inches in diameter, patent ball bearing. Other sizes made to order. Weight, 475 pounds.

Furnished with galvanized iron racks when desired.

Cipher, Mayor.



Fig. 279

Packers' Sanitary Barrow

Odorless; easily cleaned; rounded bottom; no corners to be scraped out; easily dumped.

The government inspectors will find no fault with these.

Made of galvanized iron.

Length on top, 53 inches; width on top, 24 inches; depth of box, 17 $\frac{3}{4}$ inches; length over all, 68 $\frac{1}{2}$ inches; diameter of wheels, 30 inches, 2-inch face. Weight, 234 lbs.

Cipher, Mollusk.

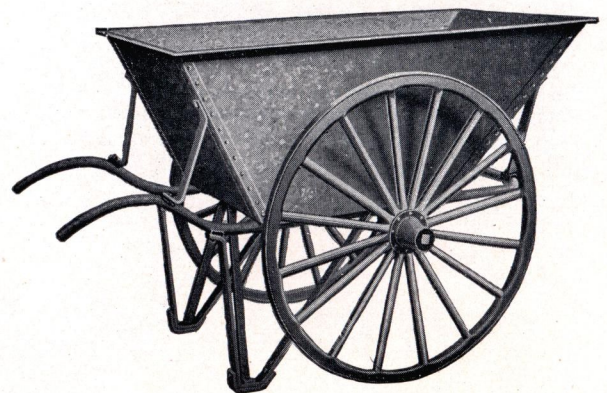


Fig. 841

Lansing "Royal" Sanitary Cart

A Handy Cart for General Packing House Work

Fig. 841—Length of box on top, 59 inches; width on top, 30 inches; depth of box, 21 inches; width at nose, 30 inches; length over all, 72 inches; wheels, 38 inches diameter; axle, 1 $\frac{3}{8}$ -inch square. Weight, 250 lbs.

Cipher, Royal.

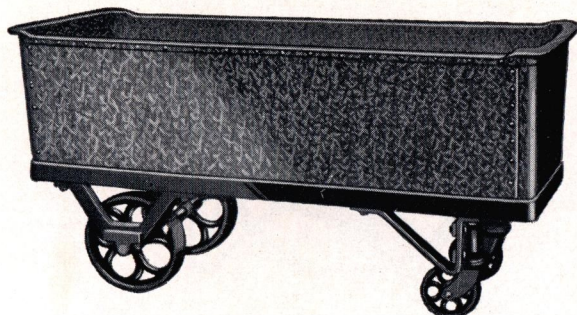


Fig. 262

Sanitary Tank Truck for Packers

A very popular truck. Box made of galvanized iron. Corners rounded so meat or other substance cannot become lodged in them. No rivets inside.

Only 18 inches deep so bottom can be easily reached for cleaning or other purposes. Truck fitted with our Reynolds Patent Ball Bearing Casters, making it the easiest running truck on the market. Very easily guided. Length of tank on top, 60 inches; width of tank on top, $24\frac{1}{2}$ inches; depth of tank, 18 inches; height over all, 32 inches; wheels, 12 inches in diameter; casters, 6 inches in diameter. Weight, 305 lbs.

Cipher, Mosque.



No. 1020

Lanco Three-Wheel Tank Truck

Entire truck is hot galvanized after fabrication. Perfectly smooth inside—all corners rounded. Top of tank lapped over for strength. Handle remains in upright position when not in use.

Tank, 26 inches wide, $40\frac{1}{2}$ inches long, $21\frac{1}{2}$ inches deep inside; sides of 12 gauge; steel bottom of 10 gauge welded. There are four 2-inch channels running lengthwise welded to bottom of tank. Bottom of tank 12 inches from floor. All wheels moulded rubber tired. Rear wheels, 9 inches diameter, $2\frac{1}{2}$ -inch face; front wheels, 8 inches diameter, $2\frac{1}{2}$ -inch face. Weight, 280 lbs.

Hyatt Roller Bearings furnished in wheels if desired. Other size tanks can also be furnished.

Cipher, Context.

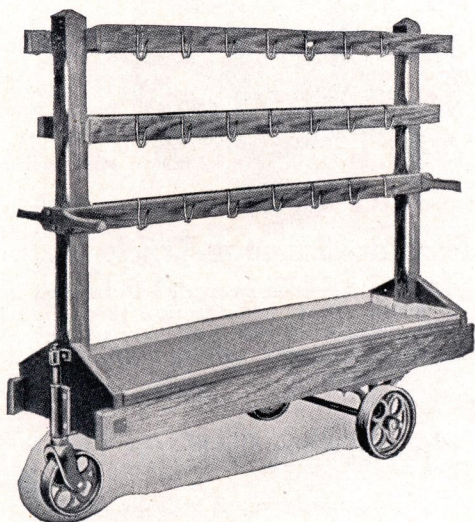


Fig. 450

Liver Truck

Size over all, 31×76 inches, 68 inches high. Bottom of platform covered with galvanized iron and made higher in center so that drippings will drain to either end. One corner of each end fitted with a removable plug to allow drippings to run out. Furnished with 11-inch wheels and a 9-inch caster. Weight, 263 lbs.

Cipher, Hostage.



Fig. 828

Sausage Stick Truck

The main frame and posts are of hardwood. Angle-iron supports are placed 8 inches apart for carrying wooden poles filled with link or ring sausages. Truck illustrated is for poles 40 inches long. Main wheels 12 inches in diameter, caster wheels, 6 inches in diameter. Size over all, 35×44 inches. Weight, 200 lbs. Other sizes to order.

Cipher, Sausage.

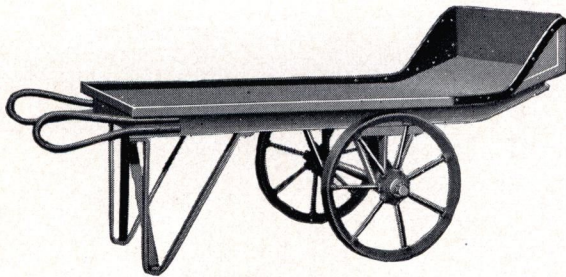


Fig. 805

Hamstan Sanitary Truck

One of our most popular styles of flat top trucks for packing houses.

Tray 60 inches long, 36 inches wide; platform 22 inches high. Body of No. 12 gauge steel. Wheels are 18 inches in diameter. Weight, 310 lbs.

Cipher, Hamstand.

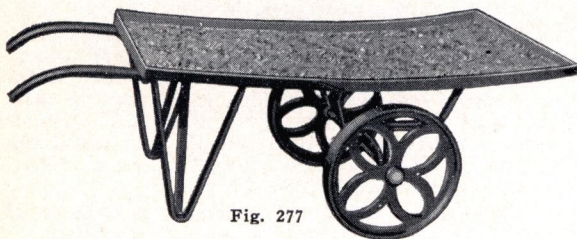


Fig. 277

Lansing Sanitary Ham and Bacon Truck

Platform made of galvanized iron. No chance for it to become soaked and filled with grease. Easily cleaned and always without odor. Length of platform, 60 inches; width, 35 inches; length over all, 79 inches; diameter of wheels, 20 inches. Weight, each, 255 lbs.

Cipher, Bivouac.

N. Y. Platform Truck



Fig. 676

Size of platform 32x48 inches. Height of platform, 10 inches. Diameter of wheels, 7 inches. Furnished with ball bearing swivel wheels. This truck is very popular with the warehouse and wholesale grocer's trade. Weight, 154 lbs.

Cipher, Scold.

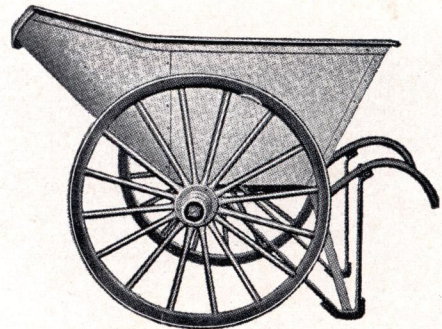


Fig. 782

Packers' Sanitary Carts

Odorless; easily cleaned; no corners to be scraped out; easily dumped. The government inspectors will find no fault with these. Made of galvanized steel. Sarven wheels.

Fig. 782—Length of box on top, 62½ inches; width on top, 29 inches; depth of box, 20½ inches; width at nose, 14 inches; length over all, 78 inches; wheels, 36 inches diameter; axle, 1¼-inch square. Weight, 270 lbs.

Cipher, Mundane.



Fig. 930

Sanitary Sausage Truck

Loads easily. Angle iron over all. Furnished in a variety of sizes. Steel construction throughout. Running gear consists of two ball bearing swivel casters and two stationary casters. Weight, 250 lbs.

Cipher, Beard.

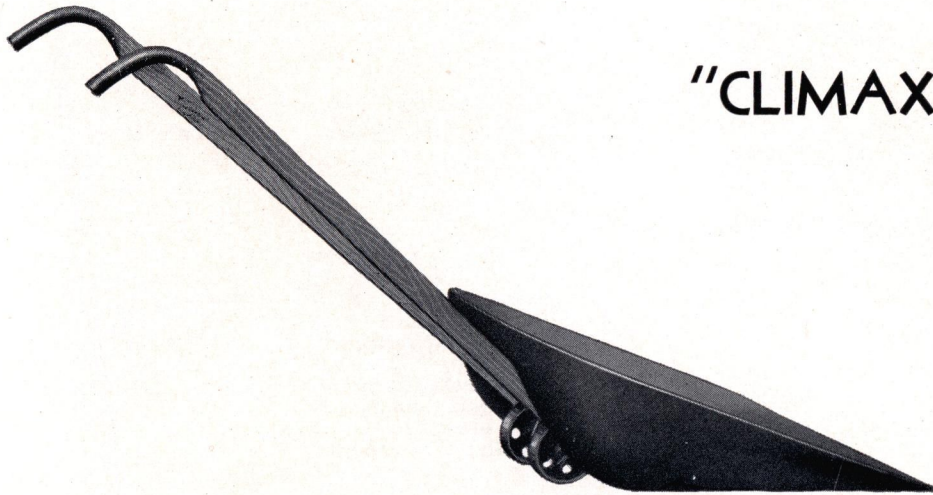
Philadelphia Platform Truck

Size of platform 24x40 inches. Height of platform, 10 inches. Diameter of wheels, 7 inches. These trucks have a steel rack 32 inches high, strong and well braced. Weight, 136 lbs.

Cipher, Strong.



Fig. 675



Patented
Fig. 673

"CLIMAX" Scoop-Truck

With Many
Outstanding
Features—

Its Purpose: The Climax Scoop-Truck is designed to increase from six to ten-fold, the efficiency of a man in unloading coal, grain or similar bulk freight from the ends of box cars to wagon, bin or hopper, and in moving such material wherever it can discharge its load at the floor level or from an inclined run-board rising two or three feet above the floor level.

Its Construction: The scoop bowl is drawn-pressed from a single sheet of 10 gauge steel and has a corrugation in the middle which forms at once a housing for the wheels, a seat for the handles and a stiffener to the bottom of the bowl. Strength and durability are the leading points in its construction, and besides being an immense saver of time and labor. It will, in its life time, save several times its cost in the wearing out of common scoops in accomplishing a like amount of work.

Its Operation: Just as the stevedore thrusts the nose of his truck under a box or barrel, presses down the handles and easily moves a package five times his own weight, so the operator thrusts his Scoop-Truck under

the material he is to move, presses down the handles with a quick movement and bears out its load of 200 pounds of coal or $2\frac{1}{2}$ bushels of grain without carrying a pound's weight upon his arms and shoulders.

Where the box or bin stands two or three feet higher than the car floor a five-foot run-board, beveled at the foot to give an easy rise for the wheels, and with a yoke or cleats to hold securely to the box, makes an easy approach to the receptacle.

Where elevating is not done by machinery and material must be raised over a screen, chute or high-walled bin, one man with the Scoop-Truck can bring to the car door faster than four men can elevate with hand scoops.

Can Be Furnished with Rubbered Wheels, Also Hyatt Roller Bearings

The handles are of Michigan hardwood, firmly braced with plow-handle grip, wheels are 5-inch diameter.

Bowl is 28 inches wide at the nose or front, by 34 inches long; handles are 46 inches long and 35 inches from floor to handle.



Fig. 674

Capacity
200 lbs. Coal
 $2\frac{1}{2}$ bu. Grain
Cipher, Detroit
10 Gauge,
Weight, 69 lbs.

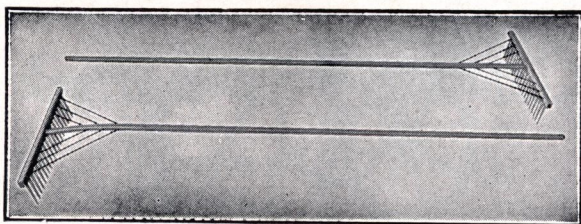


Fig. 933

Lanco Wood Rake

Made of well-seasoned, straight-grained hardwood. Twenty teeth, width 27 inches. Furnished with curved or straight handles. Weight, 4 lbs. each.

Cipher, Rake.



Fig. 15

Heavy Skids

Made of hardwood. Ends and top heavily ironed. Oiled and varnished.

Cipher	Length and Kind	Dimensions of Side Rails, Inches	No. of Cross-bars	Weight in Pounds, Each
Cable	6 feet Heavy	1 3/4 x 3	2	45
Calico	7 feet Heavy	1 3/4 x 3 1/4	2	55
Capable	8 feet Heavy	1 3/4 x 3 1/2	3	65
Captive	9 feet Heavy	1 3/4 x 3 1/2	3	75
Career	10 feet Heavy	1 3/4 x 3 3/4	3	80
Carnage	12 feet Heavy	1 3/4 x 4	4	100

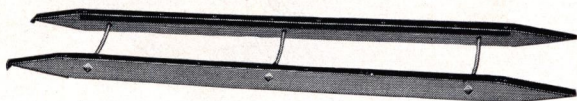


Fig. 816

Extra Heavy Skid

Here is a real skid that will stand up under the heaviest loads.

Frame of 1 3/4 x 5-inch hardwood and protected by 1 3/4 x 1 3/4 x 1/4-inch angle iron. Carried in stock in 8, 10 and 12-foot lengths.

Cipher, Cactus.

A Combined Scraper and Shovel

This is a popular tool for cleaning snow from sidewalks, filling stations, platforms, etc. Curved blade of high carbon special analysis steel. A malleable steel socket is riveted securely to the blade. Width of blade 18, 24 and 36 inches. The 48-inch handle is made from selected hardwood lumber.

Cipher, Snow.

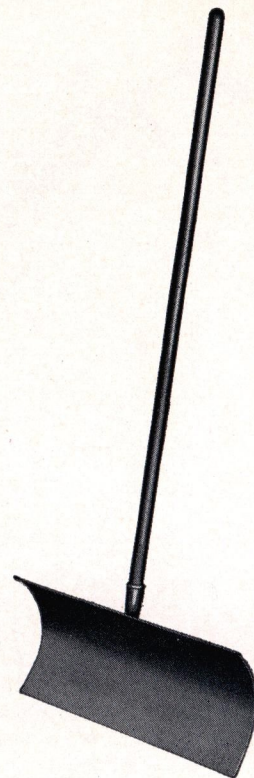


Fig. 931

Linoleum Roller

Diameter of roller, 7 1/2 inches; width of roller, 14 inches; handle, 3/4-inch galvanized pipe, 40 inches long. Also furnished with short handle. Face of roller turned on lathe. Weight, 150 lbs.

Cipher,
Linoleum.

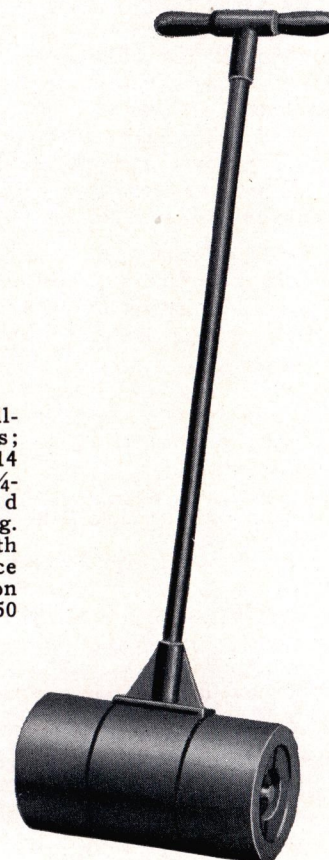


Fig. 932

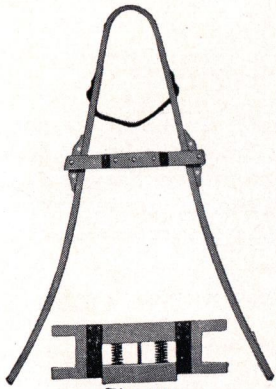


Fig. 124
POKE HEAD CROSS
SECTION

Herbert Horse Poke

It is adjustable to fit any horse—you do not have to keep a half dozen sizes in stock. It does not prevent a horse from eating, but does prevent a horse from getting over the fence. Dealers who are in localities where this poke has not been properly introduced, try a sample dozen. Put one on some horse that can be held by no other. That will soon give it a reputation that will increase your sales.

Cipher, Cascade.

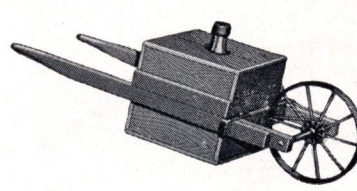
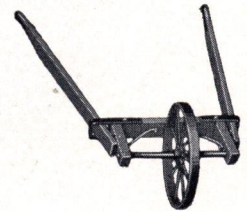


Fig. 955



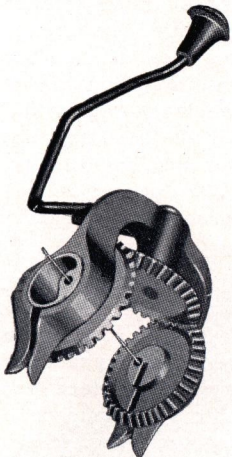
Handy Carboy Carrier

Opens and Shuts Like a Pair of Pincers

A useful, much needed device for the transportation of carboys, etc. With this carrier one man can handle carboys and cases as easily as two men in any other way, the carboy being placed in such a position as to reduce the weight on the man to a minimum.

Cipher, Carboy.

Lansing Patent Fence Machine



Patented
Fig. 2

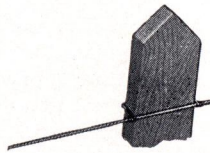


Fig. 1

The only machine that fastens a picket to a single wire, and does it so that the picket can be removed without injury to the fence. A fence built with this machine will not sag or sway in the wind, as the picket does not affect the main wire. It affects

only the wrapping wire and this is bound so tightly that it is impressed into the corners of the picket.

This machine is carried in the hand and so operated that a fence can be built in places where the other styles of machines cannot be operated, as, through marshes, over ditches, where underbrush has been cut, and around stumps or trees. As this machine (No. 2) including stretchers, only weighs twelve pounds (machine alone nine pounds) when the operator is ready to build a fence he has only to take his machine and necessary wire in his hands and go.

It is not necessary to adjust the machine in order to change from one size picket to another.

No. 2, 9 lbs. Cipher, Bamboo. Fastens pickets not over $2\frac{3}{8}$ inches wide and $\frac{7}{8}$ -inch thick



Fig. 731

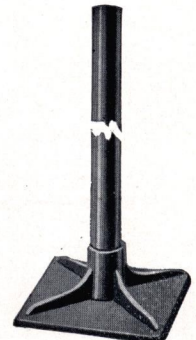


Fig. 730

Tampers

Both styles carried in stock in 6x6-in. and 8x8-in. sizes.

Fig. 730—Cipher, Enmity.

Fig. 731—Cipher, Ensign.

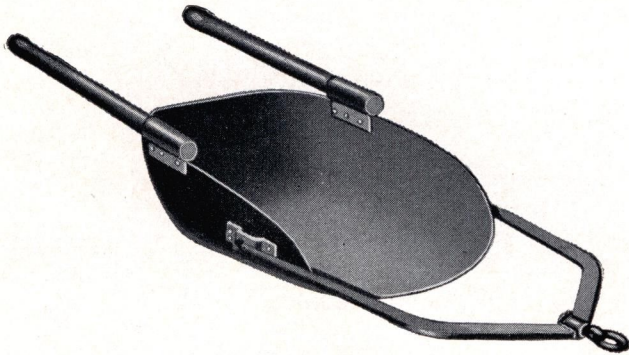


Fig. 600

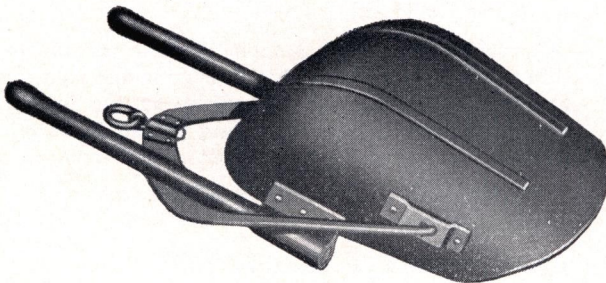


Fig. 601
WITH RUNNERS

INGHAM SCRAPERS MADE IN THREE SIZES

NUMBER 1. *This is the Largest Size.* It is adapted for heavy grading and for long hauls. Much time is saved in using this size on account of its large capacity. The dimensions below are approximate: From the top of back to cutting edge, 33½ inches; width, 32 inches; depth, 11½ inches. Capacity, 7 cubic feet. Weight, 109 lbs. Cipher, Debate.

NUMBER 2. *This is the Size Best Adapted for General Use.* We recommend it for all railroad, township, and farm work. It is used on vessels for righting up cargoes of ore. It is easily handled by one man and team. Dimensions: From top of back to cutting edge, 31½ inches; width, 29 inches; depth, 11½ inches. Capacity, 5 cubic feet. Weight, 98 lbs. Cipher, Deceit.

NUMBER 3. *This is the One Horse Scraper.* It is adapted for use on high banks and in ditches. It can be used wherever a plow will work. Dimensions: From top of back to cutting edge, 32 inches; width, 25 inches; depth, 10¾ inches. Capacity, 3 cubic feet. Weight, 85 lbs. Cipher, Declaim.

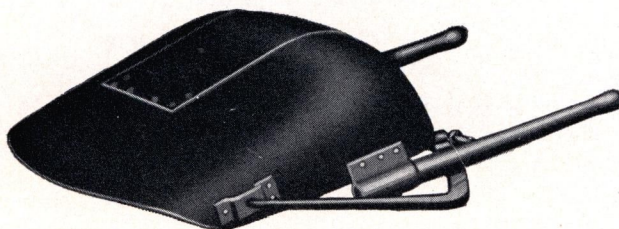


Fig. 602

THE INGHAM STEEL SCRAPER WITH DOUBLE BOTTOM

THE INGHAM SCRAPER

The Ingham Scraper is pressed from a heavy plate of *hardened steel* of toughest quality. It is shaped throughout on scientific principles which utilize the great strength of this steel to the best advantage, and make the scraper most efficient for the hard work for which it is built.

Because of the following features, the Ingham is the best drag scraper made:

It fills easily	It draws easily
It handles easily	It has great wearing surface
It has large capacity	It enters the ground readily
It is well finished	It is the most durable
It is the strongest	
It dumps easily	

The Ingham fills and dumps easily because, being made from a single sheet of steel, *it is perfectly smooth inside and outside*, and offers no obstruction to the dirt as it enters or leaves the bowl. The handles are round, and are fastened to the top of the scraper to suit purchasers who prefer them thus. The bails fasten to the sides with slotted clamps, and are made long and heavy so that they do not twist out of shape and pull the scraper unevenly. It enters the ground readily because the blade is *slightly rounded* so that it has a *shear cut* and because the steel in the blade is of a fine, tough quality, which does not crumble or split. The blade is *always sharp*, and is reinforced and stiffened by the back and sides to such an extent that *it is rigid*, and does not bend or give when started in hard ground. The Ingham is the only scraper made that can be used successfully in unbroken soil.

The back and sides of the Ingham are high and are on a level nearly to the cutting edge, so that they hold the dirt in after the bowl is filled. This is the reason the Ingham has such great capacity. The Ingham is constructed so that it has a large wearing surface, and for this reason it is the most durable scraper made. The long, deep, rigid bowl of the Ingham makes it easy to handle and easy to draw, and gives to it great capacity, great strength, and great durability.

Always shipped with Runners unless otherwise instructed. Ingham Scrapers can be furnished with double bottoms if desired. Runners are obviously of advantage in several ways. They save wear and tear on the bottom, strengthen the bottom and serve to make the scraper draw easily.

Runners, ½x1½-inch steel; weight, 8 pounds. The cut below shows the Ingham with double bottom. *The durability* of a scraper when fitted with this extra steel bottom plate is *greatly increased*. The extra plate on the bottom is 3/16-inch thick, 21 inches long, 13 inches wide, and weighs 14 pounds.

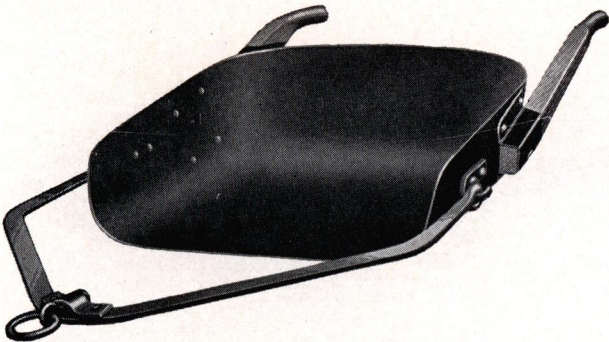


Fig. 603

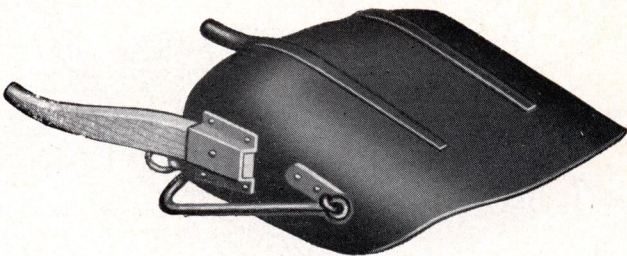


Fig. 604

LANSING SCRAPER WITH RUNNERS

Lansing Solid Steel Scraper

The Lansing Scraper is made from the same grade of heavy steel that is used in the Ingham. The bowl is pressed into the same curved shape, without sharp curves, angles, or overlaps.

The swivel, by which the scraper is pulled, works easily, and allows the bowl to adjust itself to any unevenness in the ground without losing of dirt. The bowl, like the Ingham, is long and deep, is compact and rigid, and has large wearing surface. The workmanship is complete in every detail. The Lansing fills easily, dumps easily, handles easily, and rivals the Ingham in being the strongest, most durable drag scraper made. The Lansing Scraper is made in three sizes which are exactly the same as the sizes of the Ingham.

It is always shipped with runners unless otherwise ordered.

No.	Cipher	Size in Inches	Capacity	Weight, Lbs.
1 L	Decolor	33½x32x11½	7 cubic feet	102
2 L	Decanter	31½x29x11½	5 cubic feet	88
3 L	Debonair	32 x25x10¾	3 cubic feet	78

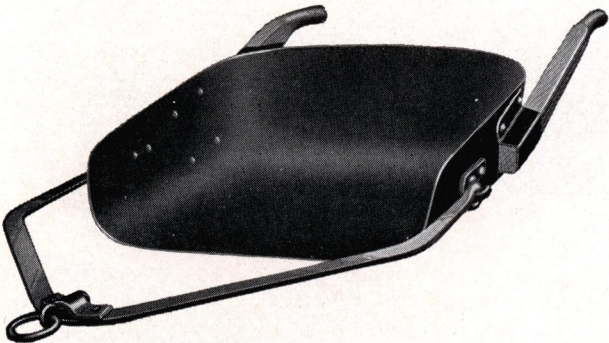


Fig. 639

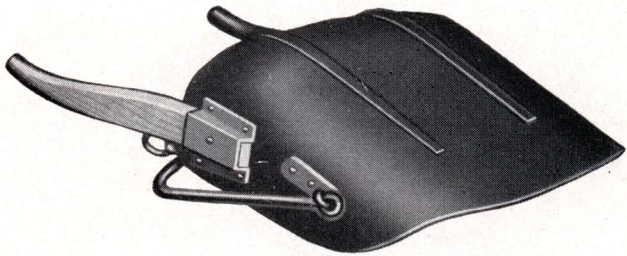


Fig. 640

MICHIGAN SCRAPER WITH RUNNERS

Michigan Solid Steel Scraper

These scrapers are made from heavy plates of specially hardened steel, and are stamped from one sheet without joint, seam or rivet. They are fitted with steel bails having prefect working swivels, steel ears and handle pockets and hardwood handles. Always shipped with runners unless otherwise ordered.

No.	Cipher	Size in Inches	Capacity	Weight, Lbs.
1M	Decamp	33½x32x11½	7 cubic feet	104
2M	Decade	31½x29x11½	5 cubic feet	89

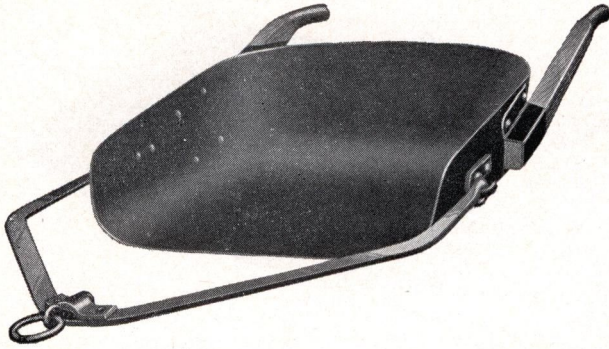


Fig. 606

King Solid Steel Scraper

The King fills a demand for a scraper that will do all regular light work and cost less than others. The shape is the same as the Ingham. It has a flange around the top made by turning back the edge of the bowl. This flange reinforces and stiffens the bowl and adds much to the strength and capacity of the scraper. On account of its lightness, the King can often be used to great advantage

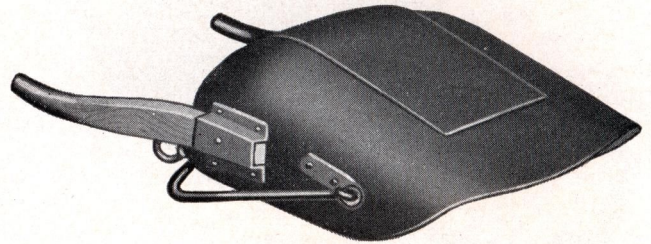


Fig. 605

KING STEEL SCRAPER WITH DOUBLE BOTTOM

in many kinds of work. It can be handled more easily and rapidly than any other scraper. Always furnished with runners unless otherwise ordered.

King Scrapers Are Made in Two Sizes

No.	Cipher	Average Size in Inches	Capacity	Weight
2 K	Delirum	32x28x10	5 cubic feet	80
3 K	Deploy	32x25x10	3 cubic feet	70

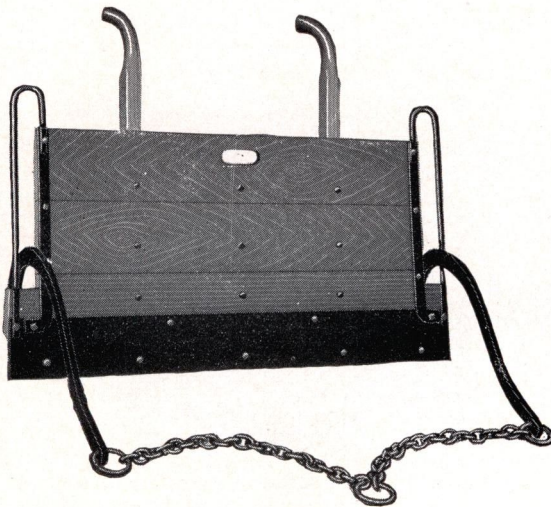


Fig. 817

"Lehr" Scraper

The cut shows the scraper made with steel rails running high on the ends, or what is commonly called "full dump." The half dump scraper is furnished regular and will always be shipped unless full dump is specified.

Width, 50 inches. Weight, 80 lbs.

Cipher, Lehr.

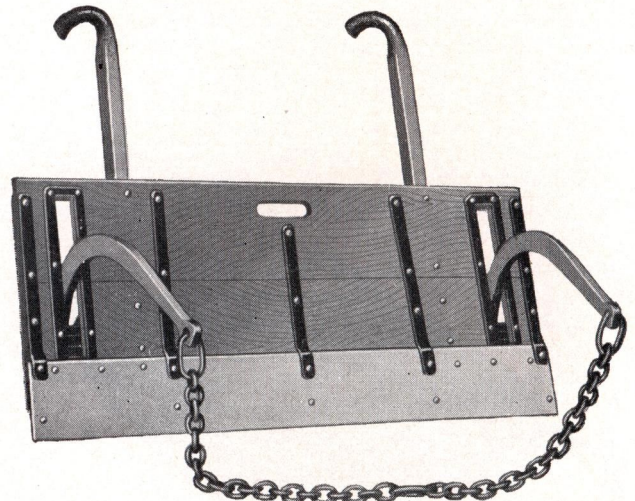


Fig. 744

Doan Scraper

For cleaning out and backfilling ditches, leveling roads, barnyards, or any uneven surface. Made of seasoned hardwood, well ironed and bolted. The bit is of extra hard steel ground to a cutting edge. The hounds are $1\frac{3}{4} \times \frac{5}{8}$ -inch wrought steel, with $\frac{3}{8}$ -inch cable chain.

To back-fill a trench, a rope or chain about 20 feet long is fastened to the cable chain on the scraper, and the team is hitched to the end of the rope. The team works on one side of the trench, and the man holding the scraper works on the opposite side. Width, 48 inches. Weight, 75 lbs.

Cipher, Doan.

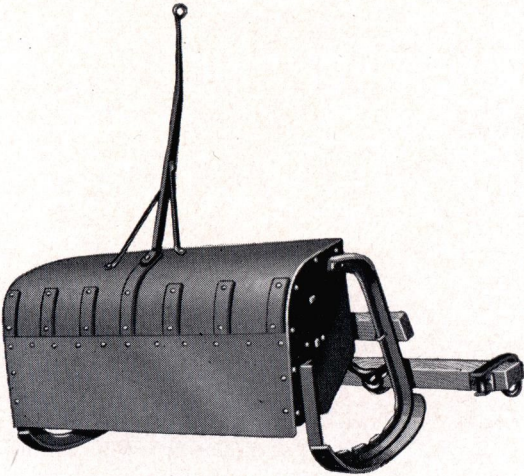


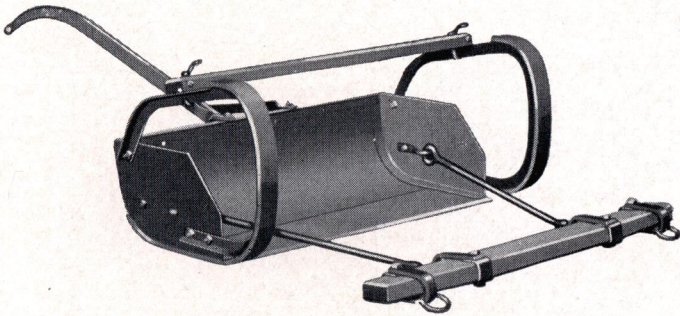
Fig. 818

Fresno Style or "Buck" Scraper

Unsurpassed for making irrigation ditches, leveling land, building levees, etc. It will do any kind of work usually done by drag and wheeled scrapers.

This scraper is practically indestructible. The parts most exposed to wear are easily and cheaply renewed. These are the hard steel bottom plate, the front of which is the cutting edge, and the shoes on the angle runners and the back of the body. Its carrying capacity is not equaled by any similar machine, and this, together with its great strength and assured long life, makes it the most economical tool a contractor can have in his outfit. The load may be carried any distance, and deposited either in bulk or distributed evenly, as the nature of the work may require. These scrapers are made after plans suggested by operators who have had practical and extensive experience with them, and have embodied in their make-up the latest and most advanced ideas. Can be furnished with bails or eveners.

No.	Description	Cipher	Capacity	Weight	Dimensions, Inches		
					L	W	D
1	5 feet wide—4 horse	Depose	17 cu. ft.	345	60	26	12½
2	4 feet wide—3 horse	Deputy	12 cu. ft.	285	48	26	12½
3	3½ feet wide—2 horse	Deride	10 cu. ft.	265	42	26	12½
4	3 feet wide—2 horse	Desert	8 cu. ft.	248	36	26	12½



Philadelphia Pattern Hod

Made from Michigan hardwood. The handle is inserted into a malleable iron ferrule like a fork handle. A light but strong hod.

Mortar Hods—Measure inside, 20x10 inches. Cipher, Convict.

Brick Hods—Measure inside, 19x8 inches. Cipher, Coolie.

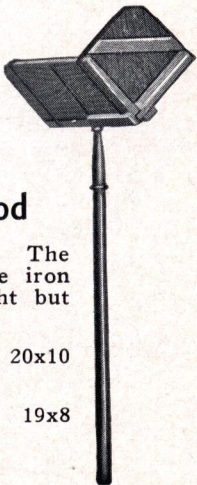


Fig. 121

Patent Steel Hod

These hods are light, strong, and durable. Handles adjustable to suit carrier. Are put up in knock-down for shipping.

Mortar Hods

Fig. 747—Inside, 12x23 inches. Weight, 13 lbs.

Mortar Hods (Cipher, Law),

Brick Hods

Fig. 788—Inside, 7½x23 inches. Weight, 15 lbs.

Brick Hods (Cipher Lawyer),



Fig. 747



Fig. 788

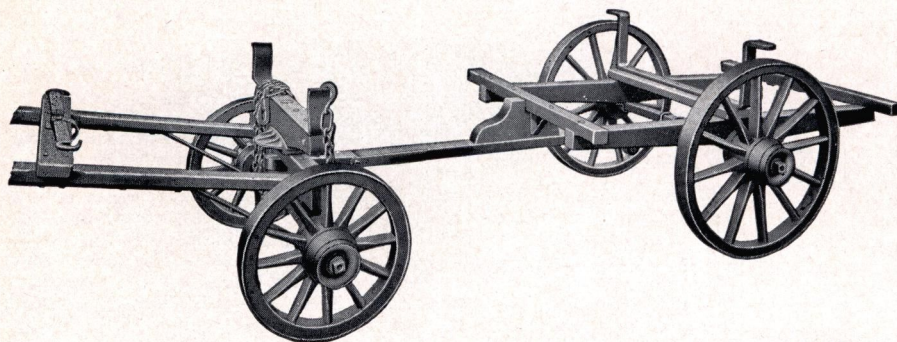


Fig. 768

Cipher		Frame	Wheels	Tires	Axle	Weight
Luscious	Rear Truck	3 ft. 2 in. x 6 ft. inside	36 in.	3 1/4 x 3/8	1 3/4 Sq. Steel	330
Luminous	Forward Truck	3 ft. 4 in. wide inside	24 in.	3 1/4 x 3/8	1 1/2 Sq. Steel	340

Lansing Lumber Cart

This cart is one of the most popular styles of lumber buggies on the market. It is the style adopted by many large lumber yards, saw mills and woodworking plants, especially in the South. Only the very highest grade of materials are used in its construction.

Lansing standard wood hub wheel thoroughly air seasoned, has no equal. Spokes are made of selected hardwood. A 3 1/4 x 3/8-inch round edged steel tire is used on all wheels.

The bolster is bound with 3/4-inch flat steel, which is turned up at both ends to form side stakes. These stakes are bent outward at the top, making a guard over wheels; these also form the necessary rest for unloading.

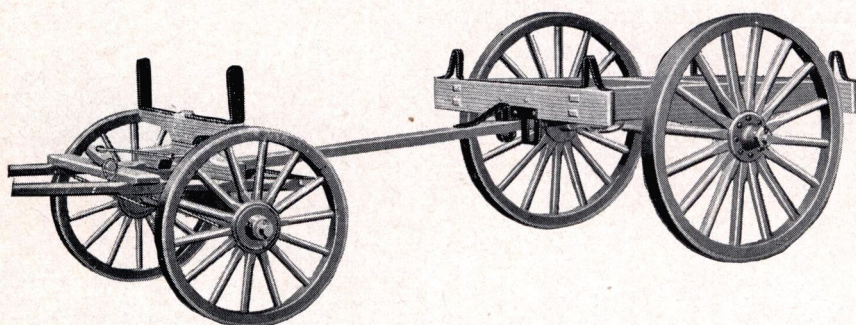


Fig. 379

Tonawanda Lumber Cart

With Wood Wheels
Plain or Roller Bearing

The cart shown above with sections coupled together, is used in lumber yards and for hauling lumber into woodworking shops. Cart is loaded and drawn alongside the planer, the lumber being handled directly from cart into planer. One horse with forward truck will keep ten or a dozen rear trucks employed. For all-around use in lumber yards, no wagons are so useful or cheap as these. The lumber is balanced on rear truck and the forward trucks with shafts, whiffletree and reach, are used mostly for guiding the rear truck, the coupling being done in a moment. When the two trucks are coupled together they make a perfect lumber wagon. The rear truck is heavily built, and is 5 feet long by 3 feet 3 inches wide. The reach has a hook at the end to hook into the draw staples of the rear truck. Forward truck has bolster with flat iron running its entire length and turning up at both ends, forming stakes, so the forward end of lumber loaded on

rear truck will rest thereon when coupled. Shafts and all woodwork are made of the best quality of timber.

The wood wheels used on these lumber carts are heavy and strong. Forward wheels 30-inch diameter, tire 1/4 x 3, 7 1/4 hub; rear wheels, 44

inches, tire 1/4 x 3, 7 1/4-inch hub; axle 2-inch round steel, turned bearings. Weight, rear truck, 365 lbs; forward truck, 300 lbs. Rear truck, plain bearing. Cipher, Beguile. Forward truck, plain bearing. Cipher, Beguiling. Rear truck, roller bearing. Cipher, Bereave. Forward truck, roller bearing. Cipher, Bereaving.

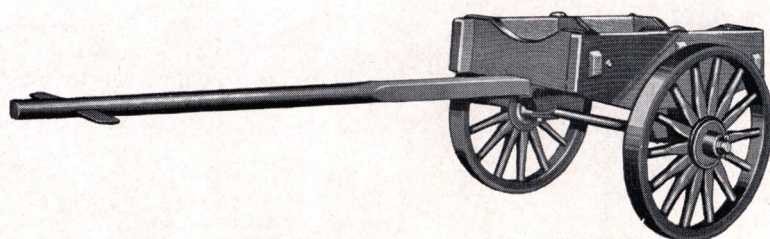


Fig. 157

Pole Truck

For moving heavy material. Frame, 42x27 inches; wheels, 30-inch diameter, 3-inch face. Axle, 2-inch round steel. Weight, each, 340 lbs.

Cipher, Brigand.

Pick-Up Cart

Adapted for contractor's work in handling timber, rails, and structural beams.

No.	Wheels	Axle	Length of Tongue	Tread	Weight	Cipher
1	54 in. x 3 in.	2¼ in. sq.	10 feet	54 inches	585	Bemire
2	48 in. x 1½ in.	2 in. sq.	10 feet	54 inches	401	Bemoan
3	40 in. x 1½ in.	2 in. sq.	10 feet	54 inches	350	Benedict

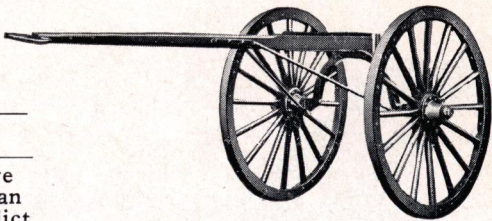


Fig. 244

California Truck

A truck designed for handling heavy dimension stuff. The frame is 6 feet 4 inches long, 2 feet 7 inches wide; sides, 12 inches deep; made from 3-inch hardwood timber. Wheels are 2 feet in diameter, 5-inch face; cross pieces extended over wheels. Heavy timbers can be easily loaded or unloaded. Extra width of tire enables load to be drawn over road not planked or paved. Handy for heavy stuff. Weight, 425 lbs.

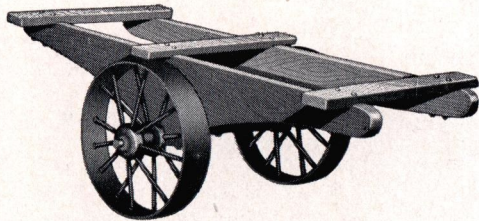


Fig. 154

Cipher, Banner.

Contractor's Dump Cart

Bodies made of selected hardwood, 1¼-inch thick, extra well ironed and braced. Wheels are extra strong. Rims are made of tough, straight grained white oak, thoroughly seasoned and bent to a true circle. Spokes are made of extra select white oak. End board lifts out and by releasing the box at front end it dumps automatically, being fastened to the axle with heavy hinges. Nicely finished in gray. This is the best all around dump cart on the market.

Cipher	Size of Steel Axle	Size Tire	Height Wheels	Size of Body	Weight Complete, Lbs.
Elector	2¼ in. sq.	3x½	5 feet	44 in. wide, 66 in. long, 12 in. deep	905

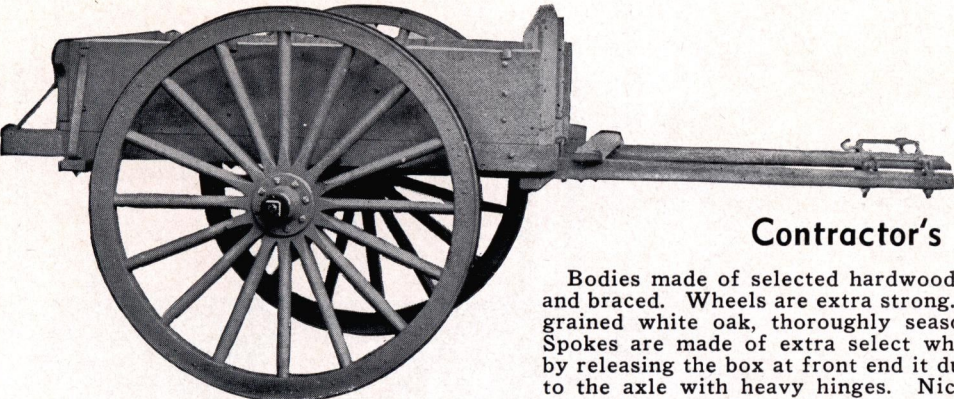


Fig. 748

Tramway Truck

The advantages of this truck over the old style truck with wooden wheels will be seen, as the annoyance and loss of time caused by tires getting loose, bands from hubs coming off in hot weather, and nuts unscrewing from axles on truck furnished with wooden wheels, is a universal experience. Our tramway trucks are 6 feet 6 inches long by 3 feet 2½ inches wide, and are furnished with steel wheels 36 inches in diameter, having 5⁄8-inch spokes and tire ½x3 inches, and we use a 2-inch axle. At slight additional cost, when desired, put swinging legs on each end to hold frame in a horizontal position. Weight, about 350 lbs.

Cipher, Tramway.

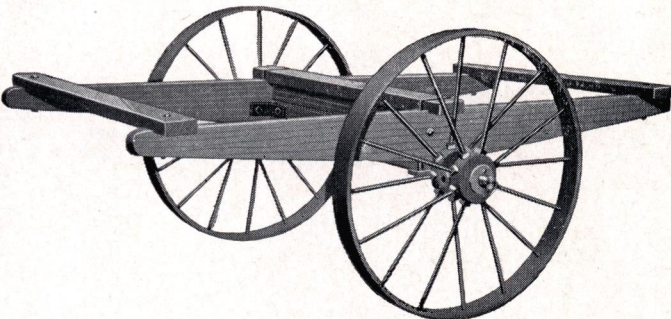


Fig. 148

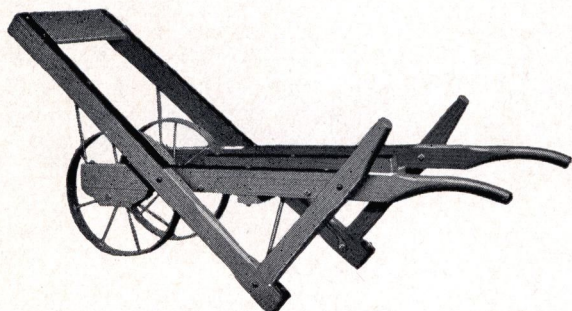


Fig. 234

Extra Heavy Stave Bolt Barrow With Two Iron Wheels

Same as Stave Barrow, Fig. 239, except furnished with two wheels.

The 25-pound, 20-inch iron wheels revolve on a turned $1\frac{1}{2}$ -inch axle, so that a large load can be easily carried. Weight, each, 130 lbs.

Cipher, Pencil.

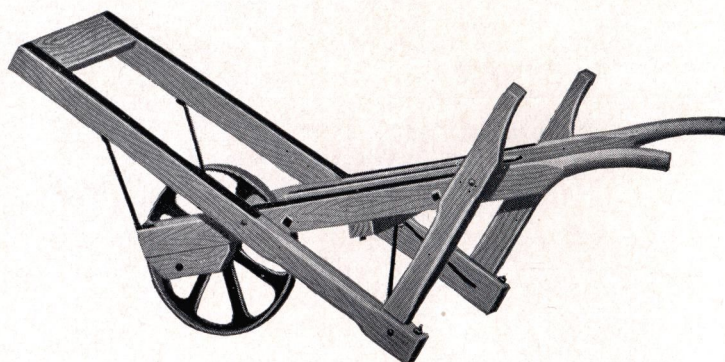


Fig. 239

Extra Heavy Stave Bolt Barrow

Made of selected hardwood. Well ironed, braced and bolted. Oiled and varnished. Weight, each, 106 pounds. Average width, 27 inches. Furnished with heavy 20-inch iron wheel, or heavy wood wheel.

Cipher, Particle.

Stave Wagon

This wagon is designed for hauling staves or other material. Regular size, $2\frac{1}{2} \times 8$ feet, with 24 and 30-inch heavy steel wheels with 3-inch tread. The shafts are adjusted to the wagon in a moment, and but one pair is needed for several wagons. As shown, there are runners on shafts to prevent their catching in the ground when being hauled from one wagon to another. The wagons are made with open or closed bottoms as desired, and are very strongly ironed. Weight, 500 lbs.

With shafts. Cipher, Tomcat.

Without shafts. Cipher, Tomcatter.

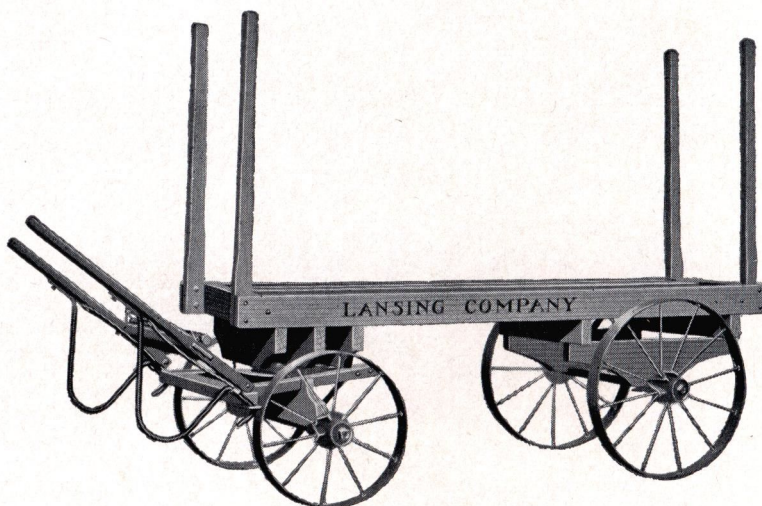


Fig. 280

Walker Bent Brace Stave Barrow

Designed for carrying wood, staves or light boxes. Weight, each, 85 lbs. Average width, 24 inches.

With iron wheel. Cipher, Partner.

With heavy wood wheel. Cipher, Walker.

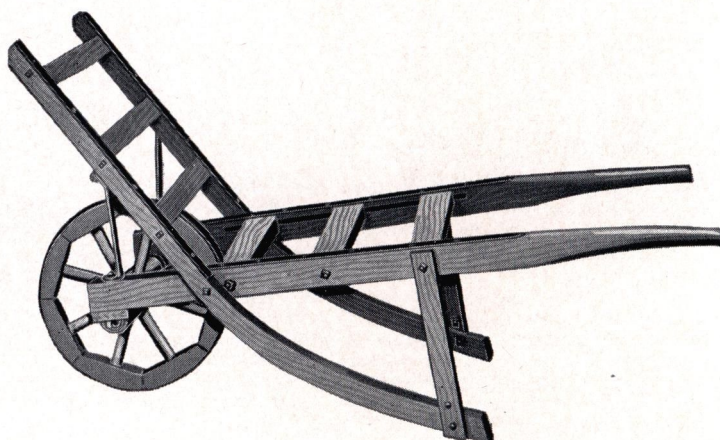


Fig. 550

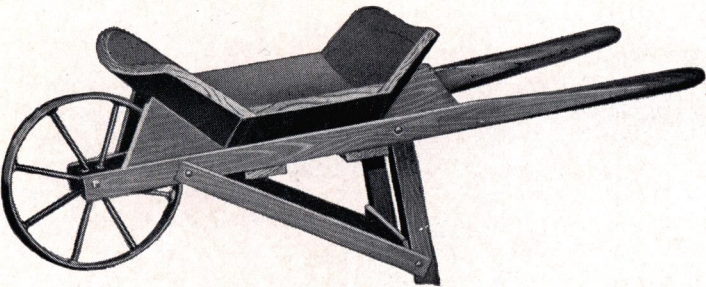


Fig. 551

Common Bolted Barrow

Common size, bent tray planed on both sides. Legs bolted to handles and well braced. With improved 15-inch sectional felloe wheel. Weight, each, 40 lbs.

Cipher, Packet.

With steel wheel. Weight, per dozen, 510 lbs.

Cipher, Peacock.

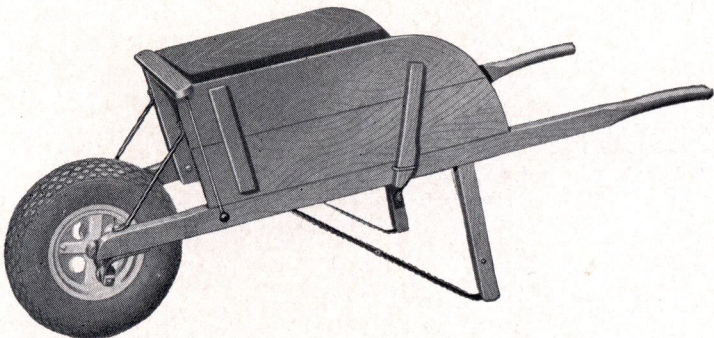


Fig. 935

EASTERN GARDEN WHEELBARROW
EQUIPPED WITH 16-INCH BY 4-INCH PNEUMATIC RUBBER TIERED
WHEELS WITH BALL BEARINGS

Eastern Garden Wheelbarrow

Barrows nicely painted and striped, painted either red, green, or oiled and varnished. Bottoms matched and glued. Iron leg braces thoroughly bolted, not held by screws, making these "custom" barrows. Wood wheels with heavy gray iron hub. Spokes of maple or beech; shaped, not turned. No pine used in their construction. No. 2, small size, or Boys' Barrow, is not a toy but a serviceable wheelbarrow designed for boys from 8 to 12 years of age. It is as well made and as handsome a barrow as the larger sizes.

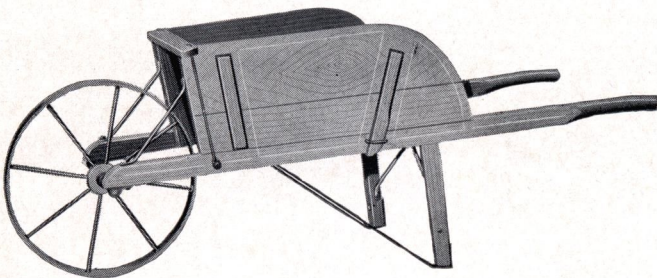


Fig. 221

Number	Cipher with Steel Wheels	Inside Measurement of Box, Length, Inches	Width at Wheel End, Inches	Width at Handle End, Inches	Depth, Inches	Diameter of Wheel, Inches	Tread of Wheel, Inches	Gudgeon of Wheel, Inches	Weight, Pounds
2	Pantry	21	15½	18	9	16	1½	½	35
3	Parley	24	16	20	10½	18	1½	½	42
4	Penknife	26½	18½	23	11	20	1½	½	45
5	Pepper	28	20	24	11½	20	1½	½	50

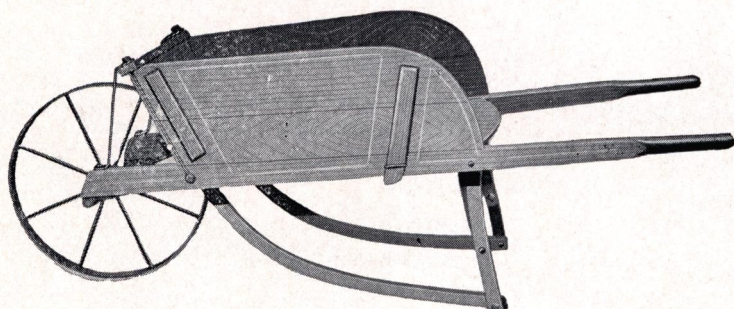


Fig. 241

No. 2 Globe Garden Barrow

Inside measurement of box, 30 inches long 19 inches wide at wheel end, 24 inches wide at handle end, 12 inches deep. Has a 20-inch steel wheel. Nicely painted, green or red, and striped. Bottoms matched and glued. Weight, 44 lbs. each.

Cipher, Paragon.

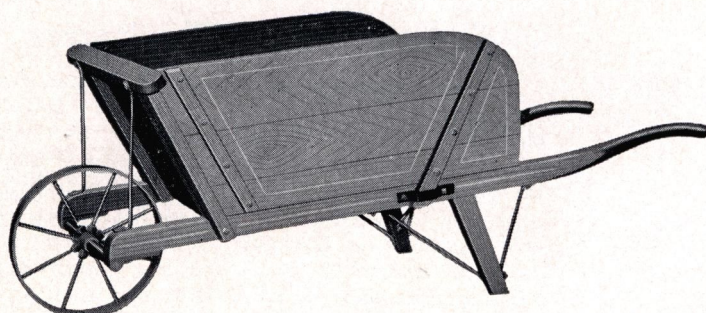


Fig. 247

Lansing Stable Barrow

Length of box, 35½ inches; width, 25 inches; depth, 18½ inches; length over all, 89 inches. Fitted with a 18-inch steel wheel, having a 2-inch face; axle, 18 inches between shoulders. Weight, each, 105 lbs.

Cipher, Max.

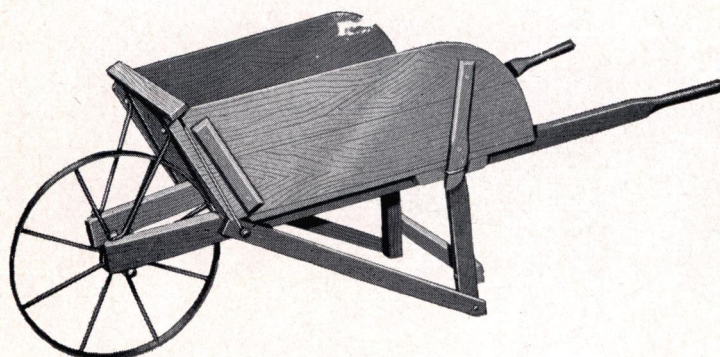
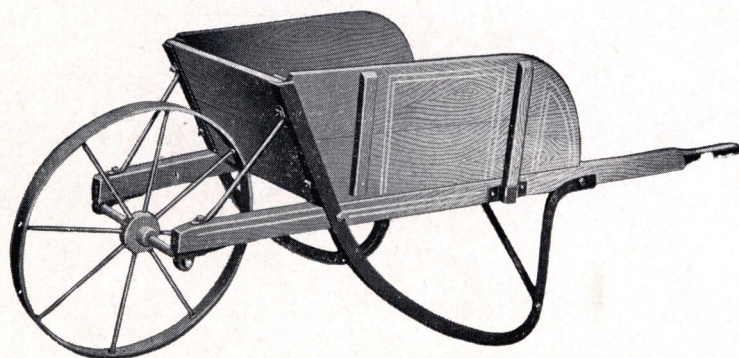


Fig. 507

New Crescent Barrow

Designed to meet the demand for a cheap garden barrow. Inside measurement of box, 17x27 inches, 11 inches deep. Handles, 60 inches long. Nicely painted blue. Furnished only with 18-inch steel wheel. Weight, 40 lbs.

Cipher, Crescent.



(Patented)
Fig. 634

Genesee Garden Barrow

A light, strong, durable barrow. Well made of select stock, handsomely painted a brilliant red and varnished. Packs very flat and is easily set up. Each package contains one complete barrow. Length of handles, 58 inches; body, 27 inches; width of body, wheel end, 17 inches; handle end, 23½ inches; depth, 12 inches. Weight, 45 lbs.

Cipher, Pagoda.

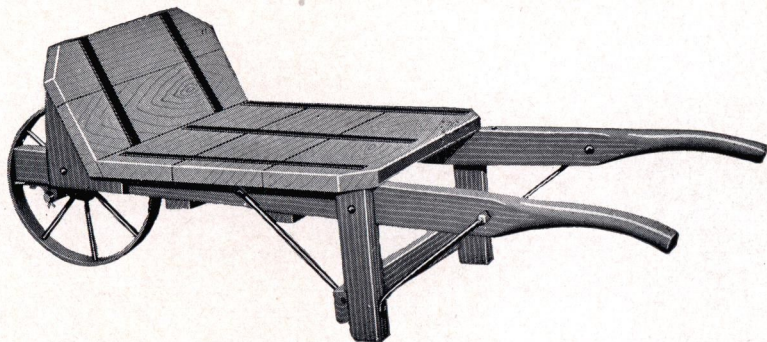


Fig. 223

Pig Metal or Casting Barrow

A real strong, well made barrow. Bottom and front of 1½-inch hardwood dressed and well strapped with No. 10 steel. Painted red. Weight, 69 lbs. each.

With Lansing iron hub wheel. Cipher, Payday.

With heavy steel wheel. Cipher, Parotid.

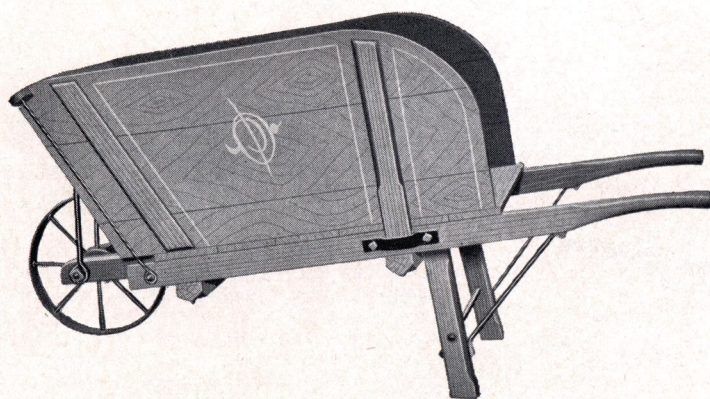


Fig. 271

Lansing Lawn Barrow

A heavy garden barrow with removable sides, designed for extra heavy work and for use about mills, tanneries, large estates, etc. Box 25 inches wide, 32 inches long, 18 inches high. Weight, 85 lbs. each.

With Lansing iron hub wheel, extra heavy. Cipher, Stabler.

With heavy steel wheel. Cipher, Stanza.

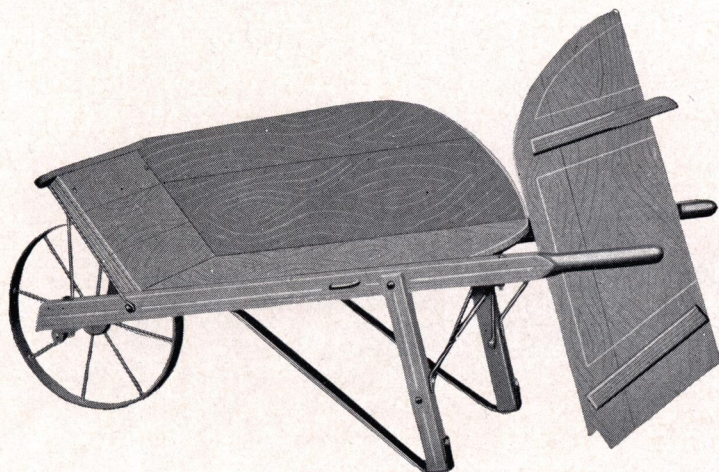


Fig. 516

Greenhouse Barrow

This is a very narrow barrow for use in the aisles of a greenhouse. Box measures inside, 14 inches in front, 17 inches in back, and 12 inches deep. Handles, 4 feet 8 inches long. Spread of handles at hand hold 20 inches, which is extreme width of barrow. Furnished with 17-inch diameter wheel. Nicely painted and striped. Weight, 45 lbs.

Cipher, Dumpling.



Fig. 936

Martin Greenhouse Barrow

"Replace the Bucket Brigade"

Can be used in any standard greenhouse walk. Steel tray is water-tight, size 14x18x40 inches. Well made and reinforced. Weight, 80 lbs.

Cipher, Martin.

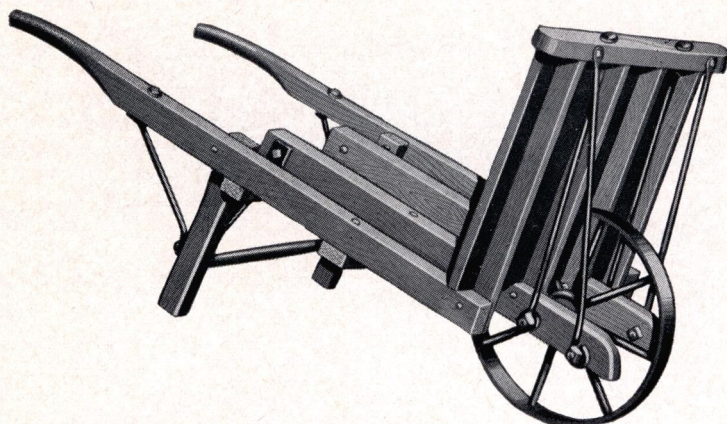


Fig. 242

Lansing Brick Yard Barrow

A barrow popular with brick manufacturers. Made of selected lumber; 66 inches over all in length; height, $30\frac{1}{2}$ inches over all; width, 23 inches; $15\frac{1}{2}$ inches from ground to top of bed. Fitted with either 18-inch wood wheel or 16-inch steel wheel. Weight, 86 lbs.

Cipher, Passage.

Also furnished with closed bottom.

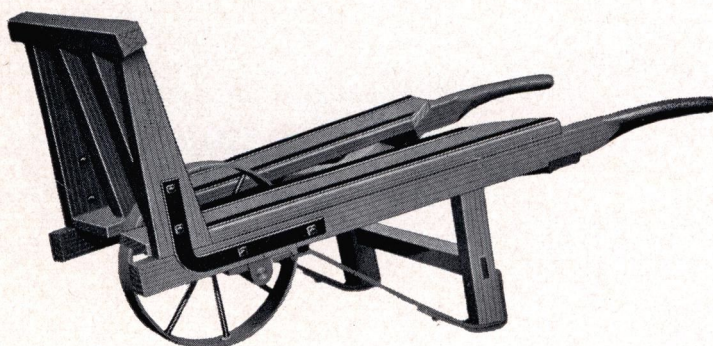


Fig. 245

Hand Made Brick Barrow

The strongest brick barrow made. Used in brick and tile yards, especially for handling green brick. Made of selected hardwood; 57 inches over all in length; width, 26 inches at handle end, 20 inches at wheel end; height over all, $20\frac{1}{2}$ inches. Fitted with 16-inch wheel, $2\frac{1}{2}$ -inch face. Painted green. Weight, 110 lbs.

Cipher, Hanbrick.

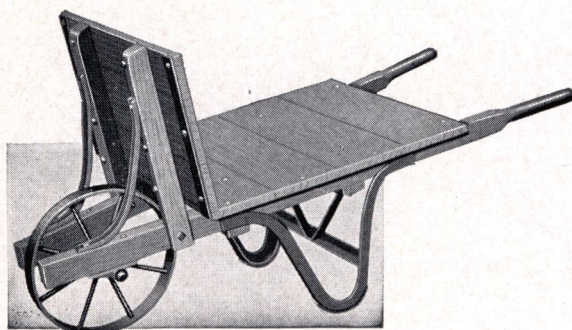


Fig. 937

Lansing Improved Brick and Tile Barrow No. J 15

The J15 barrow is designed for handling brick and tile and is the strongest barrow of this type manufactured. Balanced so that most of load comes on wheel. Platform, 24 inches wide, $27\frac{1}{2}$ inches long; dash, 15 inches high; capacity, 800 pounds. Dash braces and legs of channel iron. Weight, each, 80 lbs.

Cipher, Britile.

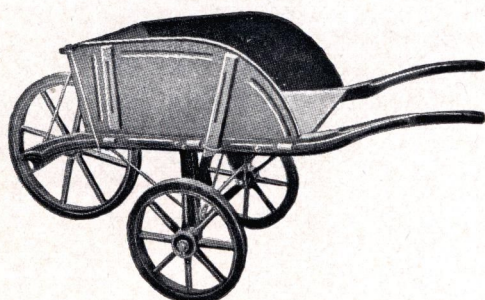


Fig. 630

Manhattan Barrow

Especially designed for printers, bookbinders, lithographers, electrotypers and others, where a strong, serviceable, convenient hand vehicle is required for city deliveries. Constructed just right for getting over gutters and street car tracks. Body, 19 inches wide at wheel; 23 inches at handles; 27 inches long; 12 inches deep. Front wheel, 22 inches in diameter; rear wheels, 16 inches in diameter. All handsomely painted, striped and varnished. Weight, 81 lbs.

Cipher, Manhattan.

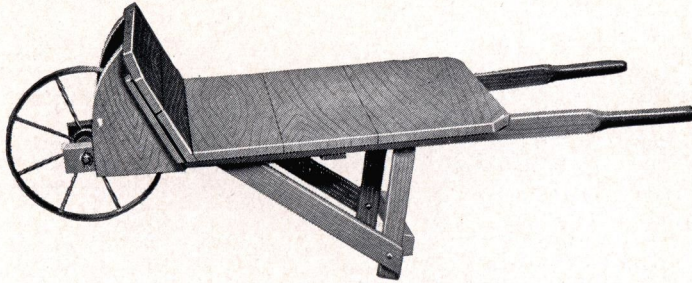


Fig. 224

Eastern Stone Barrow

Sometimes called New York State Stone Barrow, as they are extensively used in that state. A light weight stone barrow. Weight, 50 pounds each. Size of bottom, 30 inches wide, 26 inches long, 11 inches high in front. One-inch hardwood bottom.

With improved 16-inch sectional felloe wood wheel. Cipher, Pelican.

With Steel wheel. Cipher, Pelicaner.

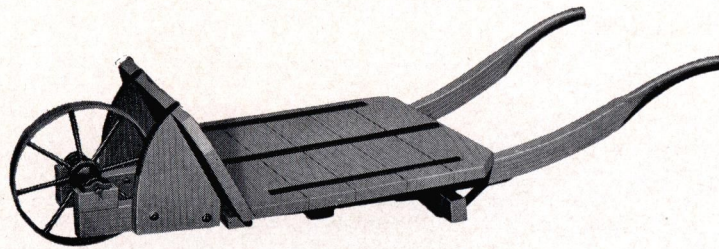


Fig. 225

Bent Handle Stone Barrow

Made for heavy work. Bottom and front of 1½-inch hardwood, dressed and well seasoned. Barrows painted red. Weight, 70 pounds each. Size of bottom, 28 inches wide, 27 inches long, and 11 inches high in front. Steam bent handles, 2x3 inches, dressed, made of hardwood.

Cipher, Patrol.

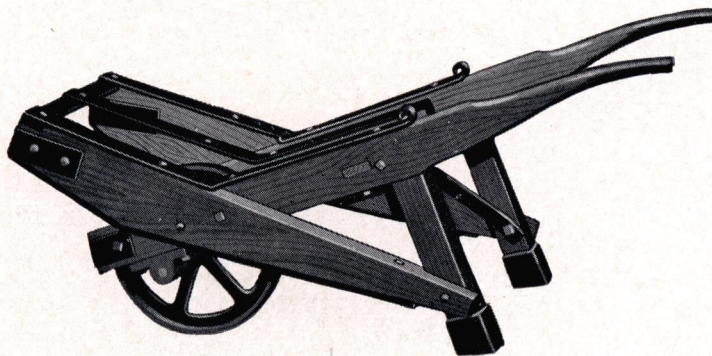


Fig. 236

Pittsburgh Open Hearth Barrow

Heaviest and strongest barrow made. Ironed with half-inch iron. Cast-iron shoes bolted on legs. By referring to dimensions you will note that the barrow, though heavy, is compact, so the load is easily carried. Furnished with 40-pound cast iron wheel. Handles, 54 inches long. Length of iron work on top, 34 inches. Weight, 160 lbs.

Cipher, Scurvy.

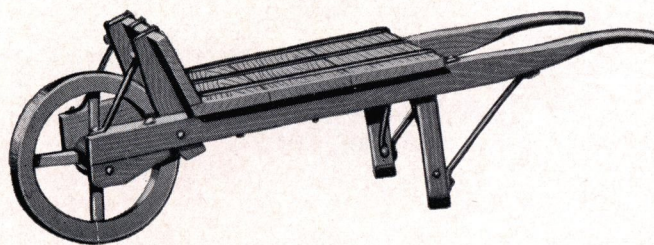


Fig. 237

Lansing Hand-Made Pig Iron Barrow

For carrying pig iron, castings, etc. Size of bottom, 3 feet long by 2 feet wide, 8½ inches high in front, bottom 1¼ inches thick. The bottom of this barrow ironed with strips of ¼-inch iron, which is bolted to bottom and handles. All irons are bolted and only first-class timber is used. Handles made of 2x3-inch hardwood. Wheel very heavy, diameter 19 inches, tread 2 inches, tire ¼-inch thick. Iron bands on ends of legs. This is a wheelbarrow that will stand work. Weight of barrow, 95 lbs. Cipher, Seaboard.

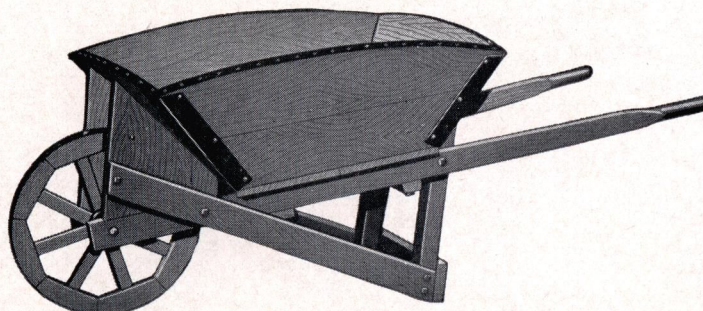


Fig. 273

Giant Wharf or Phosphate Barrow

Probably the strongest wooden-box barrow made. Box is made of 1-inch material with heavy steel securely riveted to corners. Top of box bound with iron. Braces and legs double bolted, as shown. Furnished with extra heavy iron hub wheel. Size of tray, top, 33x30 inches; bottom, 18x19 inches; depth, 14 inches. Weight, each, 80 pounds. With extra heavy iron hub wheel. Cipher, Pontiff. With extra heavy steel wheel. Cipher, Platina.

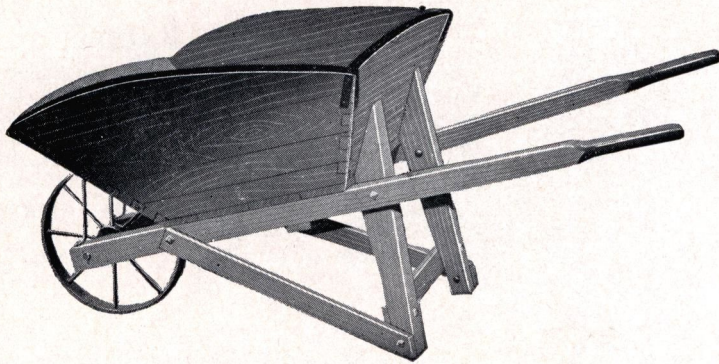


Fig. 794

Chicago Wharf Barrow

A good general purpose barrow; 26 inches wide, 29 inches long on top, 12½ inches deep at handle end, 16½ inches deep at wheel end. Weight, 60 lbs.

Cipher, Pontoon.

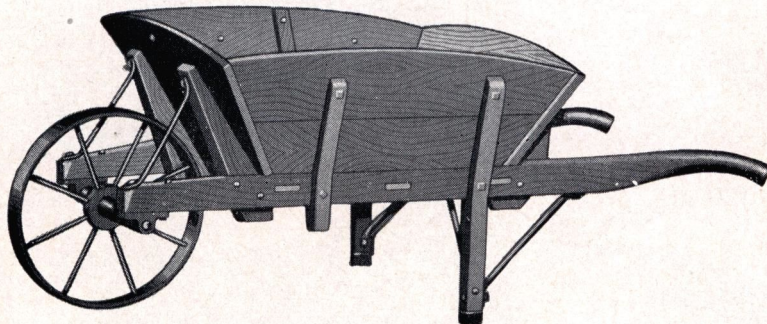


Fig. 238

Lansing Hand-Made Scrap Iron Barrow

For very heavy work in and about foundries, rolling mills, machine shops, etc. Made of the best seasoned timber. Handles of 2x3-inch hardwood; box of 1¾-inch maple. Size of box at top, 26 inches wide at wheel end, 30 inches wide at handle end, 34 inches long. Has heavy steel wheel 20 inches in diameter, 2-inch tread, ¾-inch tire. Weight of barrow is 130 pounds. Has iron bands on ends of legs and all iron braces are of ½-inch round iron. All irons are bolted.

Cipher, Seacoast.

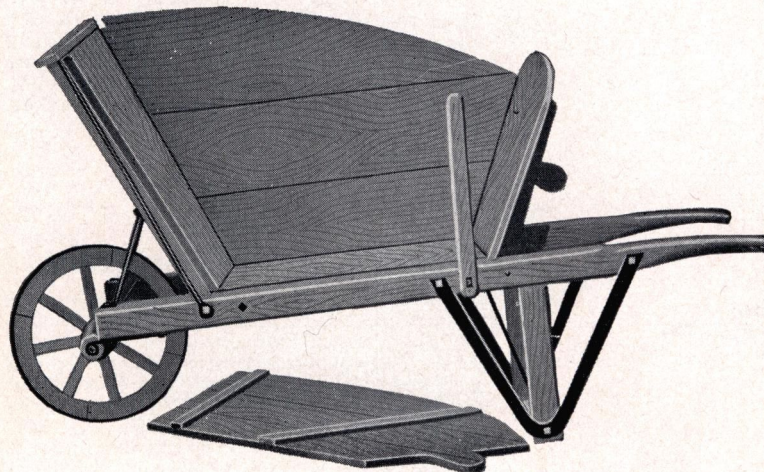


Fig. 229

Sawdust or Shavings Barrow

A large barrow for light, bulky material, and for use in saw mills or about stables. Made of selected timber. Size of box at top, 28 inches wide at wheel, 32 inches wide at handle, 46 inches from front to back. Size of box at bottom, 17½ inches wide at wheel, 22 inches wide at handle, 24 inches from front to back; 28 inches deep at wheel, 19 inches deep at handles. Weight, each, 100 lbs.

With heavy wood wheel. Cipher, Parsley.

With steel wheel. Cipher, Parapet.

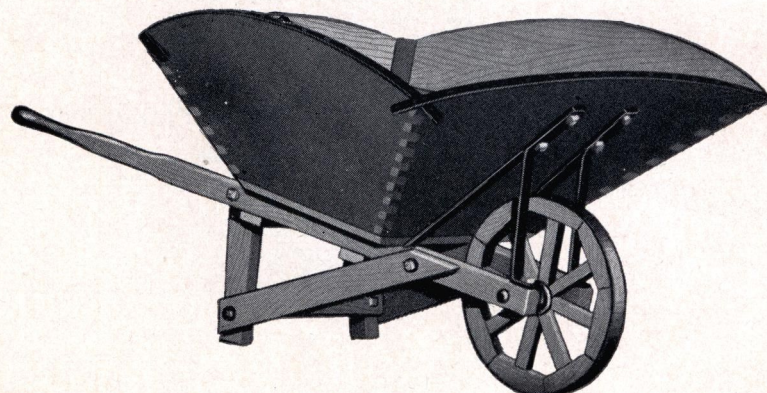


Fig. 276

Packing House or Malt Barrow

Much larger than the Giant Wharf Barrow. Made of selected hardwood, sides and ends dovetailed together and firmly nailed. Tray strapped on top, other parts thoroughly braced and bolted. Size of tray, 16 inches deep at handles and 26 inches at wheel. Bottom, 17 inches wide by 18½ inches long. Top, 41 inches wide by 43 inches long. Wheel, 18 inches in diameter with iron hub. Weight, each, 85 pounds. With heavy iron hub wood wheel. Cipher, Malt. With heavy steel wheel. Cipher, Mastodon.

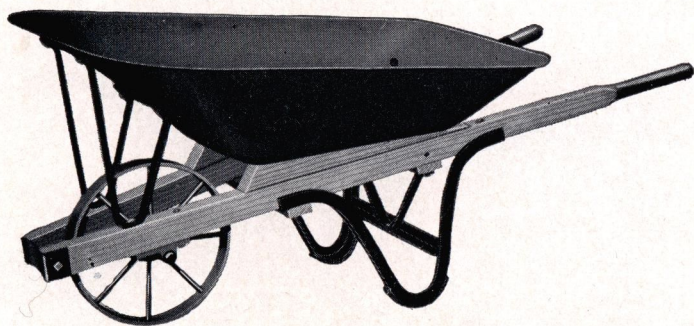


Fig. 803

C6 Climax Barrow

A wood-frame barrow with large steel tray. Trays made of one piece of sheet steel pressed into shape with a 5/16-inch steel rod rolled into edge. Barrows are fitted with steel wheels 15 inches diameter. All parts are given a heavy coat of paint.

No. C6—Legs of channel iron same as F barrows; diameter of wheel, 15 inches; gauge of steel in tray, 14; size at top, 33x42 inches; depth front, 11½ inches; depth back, 8 inches; capacity, 6 cubic feet dry. Weight, 93 lbs.

Cipher, Styptic.



Fig. 960

Fig. 972
J-20 with 10x2¾-in.
Pneumatic Rubber
Wheel.

J-Twenty Barrow

A light steel tray wheelbarrow with a tray that will hold a real load, and at a price no higher than you would pay for a common wood tray barrow. Tray, 26x35 inches pressed out of a single sheet of steel. Legs and braces of steel. Capacity, 3 cubic feet dry. Weight, 42 lbs.

Cipher, Jenny.

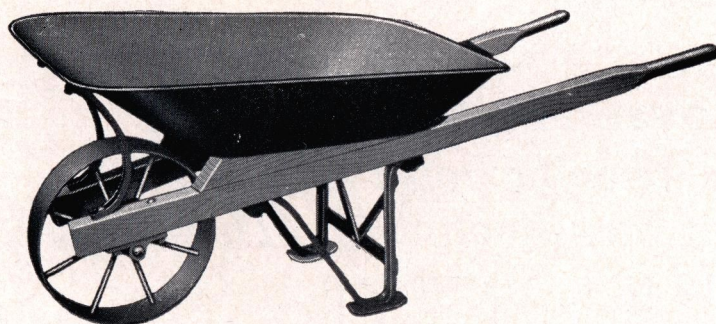


Fig. 938

Lansing Golf Barrow

A wheelbarrow designed especially for use on golf courses and in cemeteries and parks. The steel wheel has a crowned face, 4 inches wide, which allows it to be used on the lawns or greens without the use of planks or boards. The shoes on legs are also extra wide. Capacity, 3½ cubic feet dry. Weight, 75 lbs.

Cipher, Golfer.



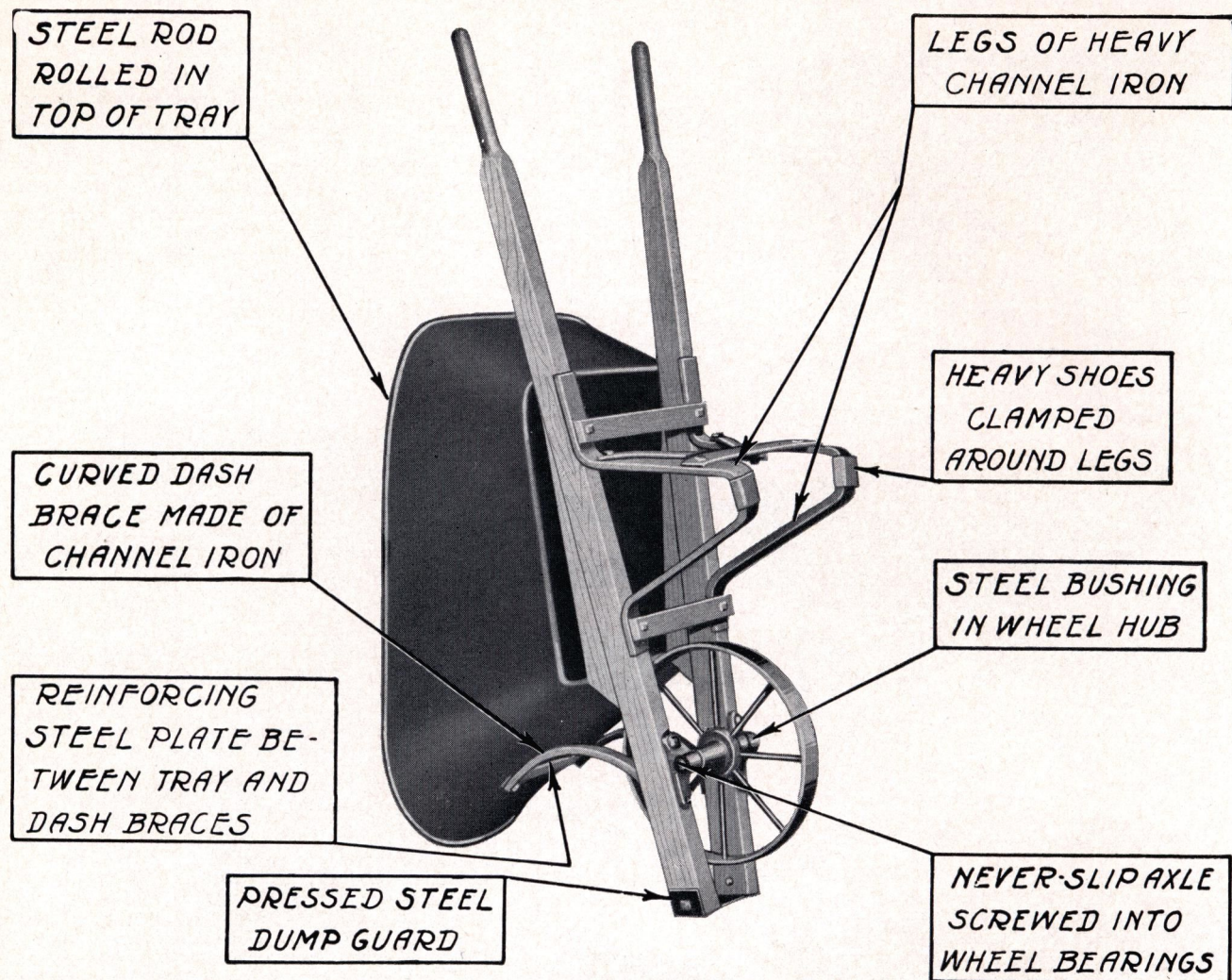
Fig. 209

Golf Barrow with Pneumatic Tires

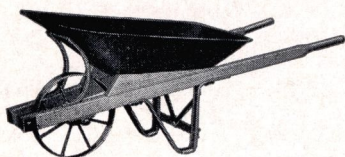
This is our F3 barrow, Fig. 633, equipped with pneumatic rubber, ball bearing wheel and wide shoes. Weight, 75 lbs.

Cipher, Gorge.

Any of These Barrows Can Be Equipped with Pneumatic Rubber Wheels If Desired

**IMPROVED F24**

The Improved F-Line of Wheelbarrows is the result of nearly a half century of manufacturing. They are correct in design and rigid in construction.

**Improved F2****Improved F24****Improved F4½**

The above shows construction of the frame as used on F-line wheelbarrows. The legs are of channel iron and are hot-riveted to the leg braces forming one unit. The leg or bearing surfaces are bent square instead of round. These broad flat surfaces give substantial bearings on the ground, which keeps the barrow steady and in a secured position when being loaded.

The legs are set in grooves when attached to the handle, these being reinforced by cross stretchers bolted to frame. All bolts have lock washers.

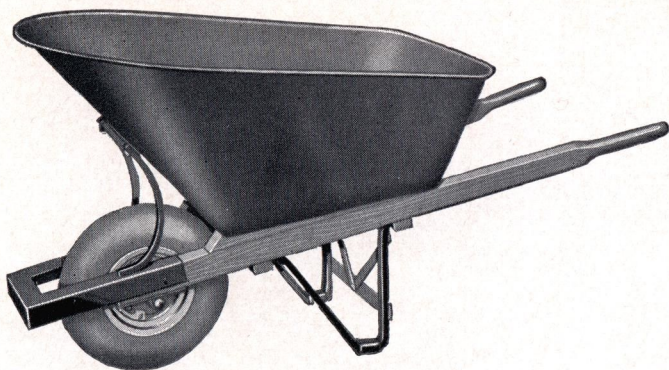


Fig. 940

Lansing F-25 Concrete Barrow

With Pneumatic Rubber Tires

A contractors' wheelbarrow with a tray capacity of 5 cubic feet, which will handle 4 cubic feet of sloppy concrete without spilling. Tray measures 41 inches long, 26½ inches wide, 23 inches deep in front and 12 inches deep in back. Weight, 90 lbs.

Cipher, Steer.



Fig. 648

Fig. 681

F-4½ BARROW WITH 16"x4"
PNEUMATIC RUBBER WHEEL

F-4½ Lansing Concrete Barrow

Tray is designed to handle wet concrete. Capacity 4 cubic feet. Size 37 inches long, 25 inches wide at front, 24 inches wide at back, 19½ inches deep in front, 9½ inches deep in back. Gauge of steel, 16, the top being rolled over a 5/16-inch rod. Weight of complete barrow, 80 lbs.

Cipher, Stoic.

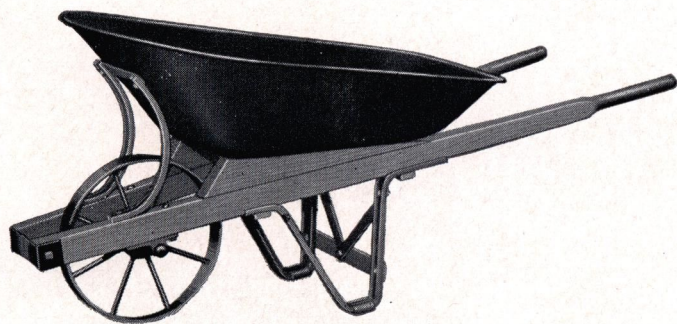


Fig. 804

F-24 Lansing Barrow

The deep tray of this wheelbarrow is designed to handle sloppy concrete and measures 37½x26½ inches and is 16 inches deep in front and 8 inches deep in back. Tray is pressed out of one sheet of 14 gauge steel with 5/16-inch rod rolled in top. Steel legs well braced with reinforced shoe. Nose guard. Capacity, 4 cubic feet, dry. Weight, 78 lbs.

Cipher, Spice.

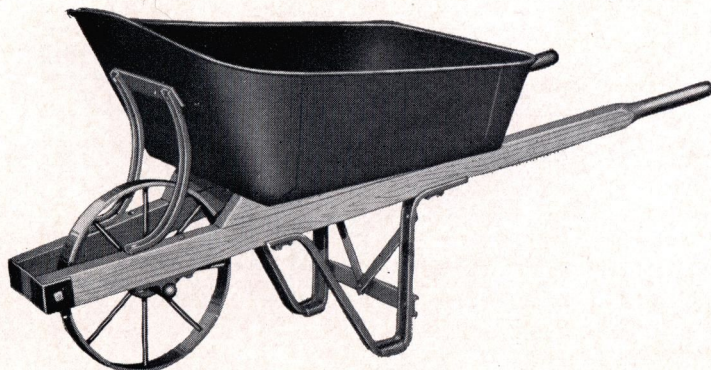


Fig. 632

F-4 Lansing Mortar Barrow

Just the thing for contractors, cement and concrete workers. It carries a man's load. Tray made of No. 15 steel, measures on top, 28x36 inches; on bottom, 20x21 inches. Depth at wheel, 18½ inches; at handle end, 9 inches; has heavy rod rolled in edge. Handles are heavy, of selected hardwood. Legs and braces of channel steel. Heavy steel wheel, 15 inches in diameter, running on a 5/8-inch steel axle through lugs bolted on under side of handle. Capacity, 4 cubic feet, dry. Weight, 80 lbs.

Cipher, Spout.



Fig. 633

F-3 Wolverine Barrow

With Channel Steel Legs and Braces

The best all-around general purpose barrow made—our All-Steel Tubular Barrows excepted. Tray No. 16 gauge pressed from one solid sheet of steel, without seam or rivet, with heavy rod rolled in edge; 29x36 inches on top. Frame is selected hardwood and is thoroughly braced and bolted. Wheel is 15 inches in diameter, 1 $\frac{3}{4}$ x5/16-inch tire, $\frac{1}{2}$ -inch spokes, and runs on a $\frac{5}{8}$ -inch steel axle, held to handles by heavy lugs. Capacity, 3 $\frac{1}{2}$ cubic feet. Weight, 73 lbs. each.

Cipher, Wolverine.

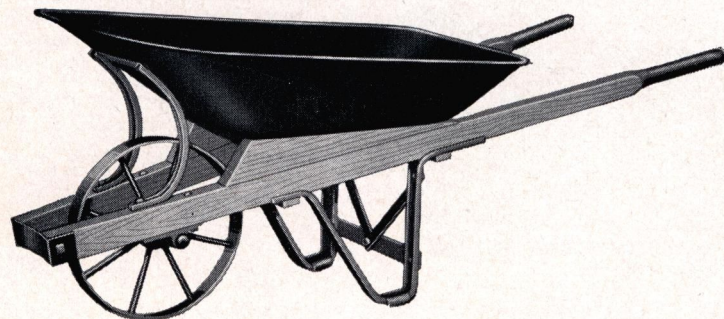


Fig. 642

F-2 Wheelbarrow

Channel steel legs and braces. An excellent general purpose barrow. Tray measures 26x34 inches and is made of No. 16 steel reinforced at corners and strengthened at top by being rolled over a 5/16-inch steel rod. Heavy steel wheel 15 inches in diameter, 1 $\frac{3}{4}$ x5/16-inch tire, running on a $\frac{5}{8}$ -inch steel axle firmly held in heavy lugs. Capacity, 3 $\frac{1}{2}$ cubic feet. Weight, each, 70 lbs.

Cipher, Storax.



Fig. 945

Lansing Struck Measure Water Level Concrete Wheelbarrows

Designed for contractors requiring barrows with Struck Measure capacities that they may be assured the proper mixture. Wheel, 15 inches diameter; tire, 1 $\frac{3}{4}$ inches wide; tray, No. 16 gauge.

Size, Cu. Ft.	Cipher	Depth, Inches Front	Depth, Inches Rear	Length, Inches	Width, Inches	Weight, Lbs. Ea.
2	Stale	9 $\frac{1}{2}$	6 $\frac{1}{2}$	32	22	70
2 $\frac{1}{2}$	Stalk	13	9	33	23	75
3	Stall	15	9	37	24	80

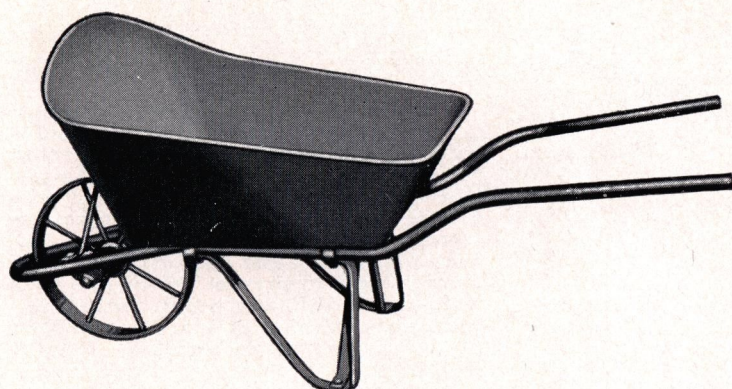


Fig. 649

H-20 Lansing Tubular

For Mortar and Wet Concrete

Dimensions as follows: Length over all, 64 inches; width over all, 26 inches; height over all, 29 inches; tray length, 35 inches; tray width, 25 inches; tray depth at wheel end, 17 inches; tray depth at handles, 7½ inches; gauge of steel, No. 16; wheel diameter, 15 inches; tire, 1¾x5/16 inches; steel axle, 5/8-inch; capacity in cubic feet, 4. Weight in pounds, 82.

Cipher, Stipend.



Fig. 283

Tubular Steel Barrow

Tray pressed from one piece of steel without seams or rivets. Edges of trays are flanged and turned over a 5/16-inch steel rod. Rod prevents tray from breaking at edge and makes it much stronger. These barrows are made to dump forward, so constructed that at the dumping point they will not run back on the operator. They are well bolted and braced, and made of best material, and painted. The wheel revolves on a heavy bolt which passes through a lug under handles and so strengthens the barrow.

No.	Cipher	Size of Tray on Top, Inches	Diameter of Wheel, Inches	Gauge of Steel in Tray	Capacity in Feet	Weight, Lbs.
A-02	Secant	29x32	15	18	3	60
A-2	Seaport	29x32	15	16	3	70
A-13	Searcher	29x32	15	14	3	75
A-14	Seamless	29x32	15	12	3	90
A-015	Senate	29x36	15	16	4½	80
A-15	Season	29x36	15	14	4½	86
A-16	Scuttle	29x36	15	12	4½	95
A-17	Sedans	29x36	15	10	4½	110



Fig. 285

Tubular Steel Coal and Coke Barrow

The A18 has a large tray pressed from a single sheet without seams, capacity about 275 pounds coke or 430 pounds coal. Strongly made and well braced, painted. Wheels revolve on a heavy bolt which passes through handles and materially strengthens the barrow. The edges of trays are flanged and turned over a 5/16-inch steel rod. This rod prevents tray from breaking at the edges and makes it much stronger.

SPECIFICATIONS

No.	Cipher	Size at Top, Inches	Diameter of Wheel, Inches	Gauge of Steel in Tray	Capacity	Weight, Each, Lbs.
A20	Shawl	33x42	15	10	430 lbs. coal, 6 cu. ft.	130
A18	Shark	33x42	15	14	430 lbs. coal, 6 cu. ft.	100
A19	Sceptic	40x49	15	16	400 lbs. coke, 8 cu. ft.	110

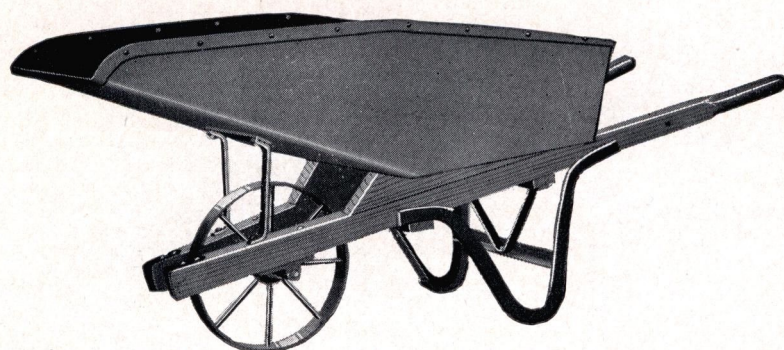


Fig. 824

Long Mouthed Coal and Coke Barrows

G-30, LANSING FORE-DUMP BARROW

A type of barrow intended for "wheeling in" coal at residences and apartment buildings. It is made narrow for getting through gates and between buildings—tapered at mouth for dumping into windows. Your attention is called to the big capacity; the perfect balance of the load over the wheel, and the handle guard around wheel to prevent the barrow from "running back" when being dumped forward. Nose, 16 inches wide; tray at back, 24 inches, and 47 inches long. Weight, 85 lbs.

Cipher, Congregation.

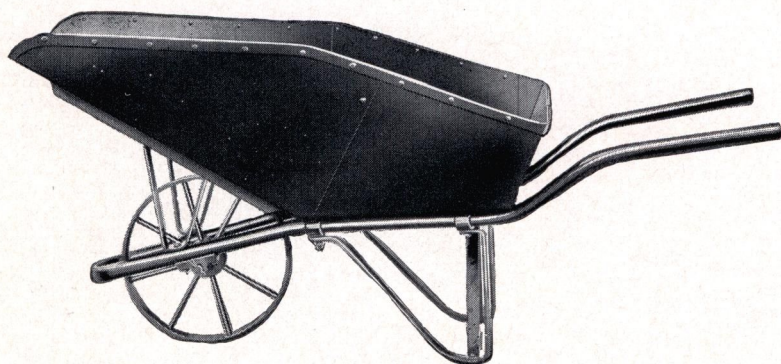


Fig. 849

G-10

Dimensions same as above but frame is of the tubular construction instead of wood. Weight, 100 lbs.

Cipher, Conglobate.



Fig. 944

Lansing G-30 Coal Barrow

With Pneumatic Rubber Tired
Roller Bearing Wheels

Will not cut the lawn. Does away with planking. Runs over curbs and other obstructions easily. Noiseless on driveways and sidewalks and will not damage them. Can be used in deep snow, sand or mud. No vibration. Pneumatic wheel can also be put on G-10. Weight, 85 lbs.

Cipher, Congeal.

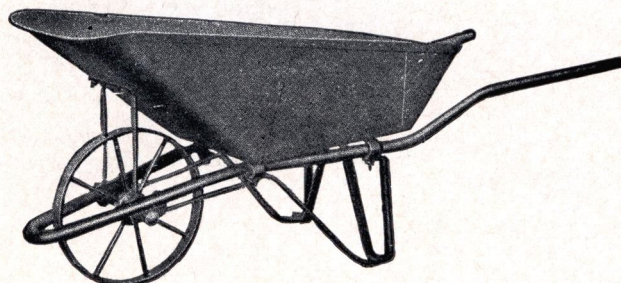


Fig. 819

Lansing Bunker Barrow

Lansing Bunker Barrow is strongly constructed to meet a demand for a heavy duty conveyance for use in narrow places. Over all width is but 25 inches, while it has a carrying capacity equal to that of wheelbarrows half again as wide. Tray made of 16-gauge sheet steel, heavily banded around top. Pipe handles.

SPECIFICATIONS

Capacity, $4\frac{1}{2}$ cubic feet, struck measure; tray at top, width, 24 inches; length, 43 inches; tray at bottom, width, 17 inches; length, 18 inches; width of barrow over all, 25 inches; height of barrow over all, 25 inches; wheels, 15 inches diameter, $1\frac{3}{4}$ -inch tread. Weight, 85 lbs.

Cipher, Bunker.

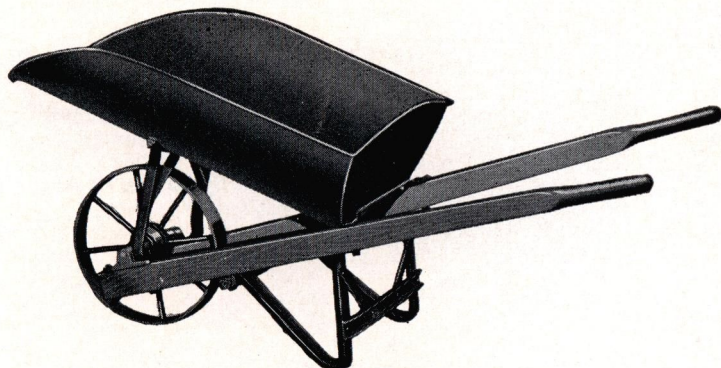


Fig. 942

H-23 Barrow

With Wood Frame

Many requests have been made for this wooden-framed barrow equipped with our popular H-21 "U" shaped tray. Like our H-21 Tubular Barrow, this barrow is useful for handling brick, crushed stone, sand, gravel, mortar, or cement in charging concrete mixers. Hangs just right for handling easily. Load is dumped over wheel. Length over all, 65½ inches; width over all, 23½ inches; height over all, 27 inches; tray length, 38½ inches; tray width, 23 inches; tray depth, 13 inches; height at nose, 23½ inches; gauge of steel, No. 16; wheel diameter, 15 inches; tire, 1¾x5/16 inches; steel axle, ⅝ inch; capacity in cubic feet, 4. Weight, 80 lbs.

Cipher, Stead.

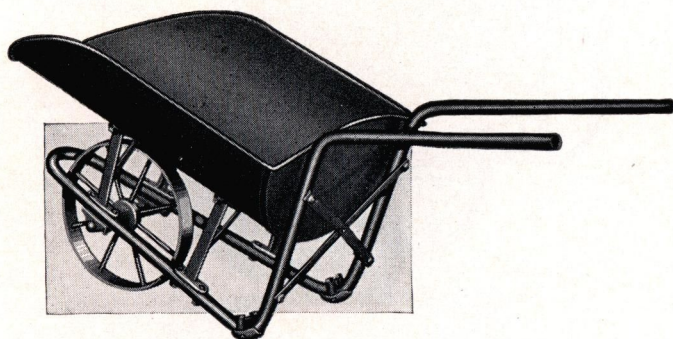


Fig. 650

H-21 Lansing Tubular

For handling brick, crushed stone, sand, gravel, mortar, or cement. Hangs just right for handling easily. Load is dumped over wheel. Length over all, 65½ inches; width over all, 23½ inches; height over all, 27 inches; tray length, 38½ inches; tray width, 23 inches; tray depth, 13 inches; height at nose, 23½ inches; gauge of steel, No. 16; wheel diameter, 15 inches; tire, 1¾x5/16 inches; steel axle, ⅝-inch; capacity cubic feet, 4. Weight, 80 lbs.

Cipher, Stew.

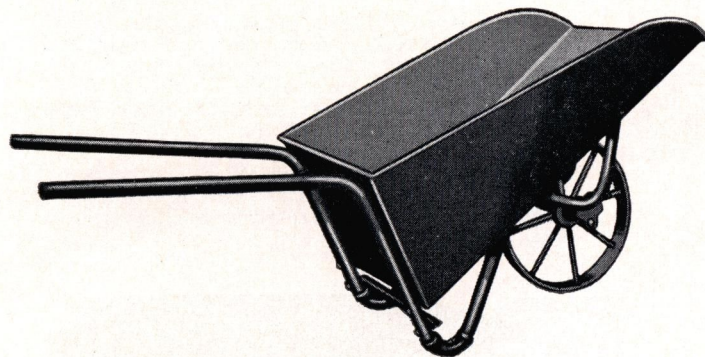


Fig. 651

H-22 Lansing Tubular

Adapted for cement and concrete. It carries a large load easily and without strain on arms, because the bulk of load is below wheel bearings and handles. On many kinds of work this barrow is a time and money saver. Length over all, 64½ inches; width over all, 25 inches; height over all, 28 inches; tray length, 38½ inches; tray width, 25 inches; tray depth, 15½ inches; height at nose, 26 inches; gauge of steel, No. 16; wheel diameter, 15 inches; tire, 1¾x5/16 inches; steel axle, ⅝-inch; capacity in cubic feet, 5. Weight, 85 lbs.

Cipher, Steward.

H-22½ Lansing Tubular

H-22½. Same as H-22, except with tray large enough to hold 220 pounds coke or 400 pounds coal.

Cipher, Sangaree.



Fig. 421

Gas Retort Barrow

This barrow is so made that the bottom of tray is close to the ground, although it is very large (40x49 inches on top and holds 400 pounds coke), still the top of tray is only 23 inches from ground.

Cipher, Suburb.

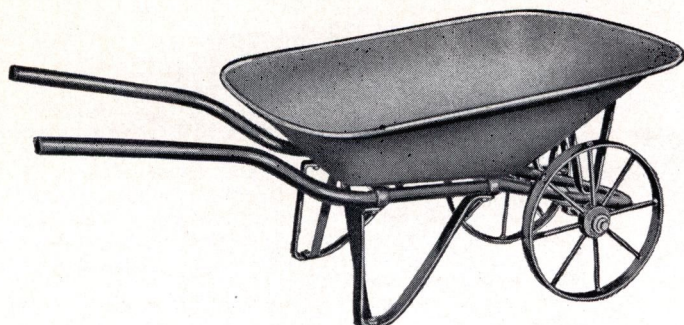


Fig. 284

Tubular Steel Barrows

With Two Steel Wheels

Any of our tubular barrows can be mounted on two wheels. Diameter of wheels, 15 inches. The barrow is easily dumped forward by lifting on the handles.

Cipher, Stiver.

Coal Barrow with Two Wheels

No.	Cipher	Weight, Each, Lbs.	Figure	Size of Tray at Top	Diam. Wheels, Inches	Gauge of Steel in Box	Cap. in Lbs. of Coal
D1	Seem	175	256	23x33	15	12	250
D2	Seldom	185	256	24x35	15	12	350
D3	Select	220	256	26x38	18	12	400
D4	Self	240	256	27x40	18	12	500
D6	Stamen	400	256	39x65	18	10	700

Made of steel, banded around top, well painted. These barrows are easily dumped forward without running back onto the operator. Axles have turned bearings. Wheels bored true to size. Coal barrows of any size made to order.



Fig. 256

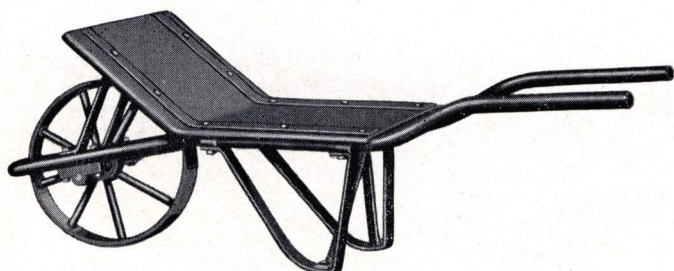


Fig. 278

Steel Pig Iron or Ingot Barrow

The handles are of one piece and pass around in front of the wheel, making the frame rigid, and forming an excellent support for attaching wheel. The bed and dash of barrow are of No. 10 steel. Size of bed, 22x24 inches; dash, 18 inches high. Weight of barrow, 110 pounds.

Cipher, Ingot.

Charging Barrow For Charging Blast Furnaces or Gas Retorts

No.	Cipher	Weight, Each	Width, Inches	Depth, Inches	Length, Inches	Diam. Wheels, Inches	Cap., Cubic Feet
1	Senior	325	20	21½	54	30	10
3	Sensitive	375	24	26	54	30	14
5	Sentry	450	28	30	57	30	20

Charging barrows of other sizes made to order. If desired these barrows can be furnished with third wheel in place of legs.

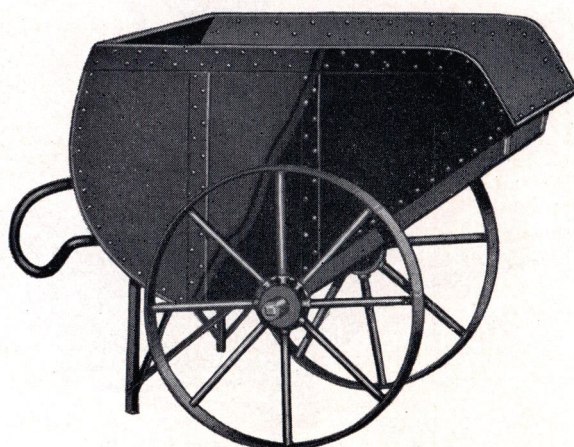


Fig. 258

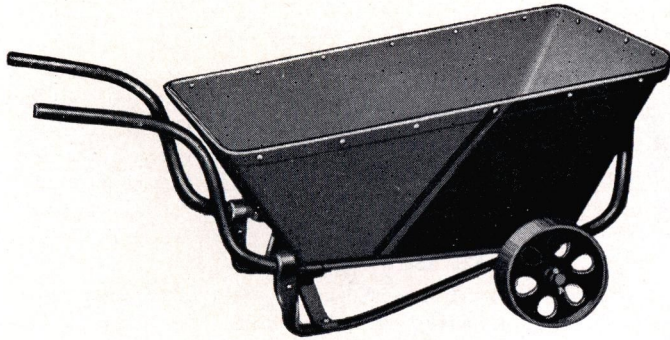
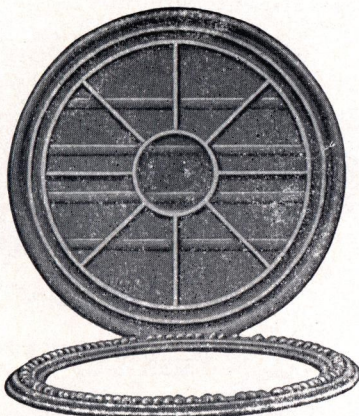


Fig. 257

UPPER SIDE OF TOP CASTING



BOTTOM CASTING OR BALL RACE

Machine Shop Barrow

Tray made of No. 12 steel; size on top, 24x35 inches; depth, 13 inches; wheels, 8½ inches in diameter. Weight, 150 pounds. Ordinary wheelbarrows are so long they are often in the way. In a crowded place these barrows with short handles are more convenient to use. Wheels are so small the top of the barrow is only 21 inches from floor. This barrow can often be used in place of a truck.

Cipher, Sleep.

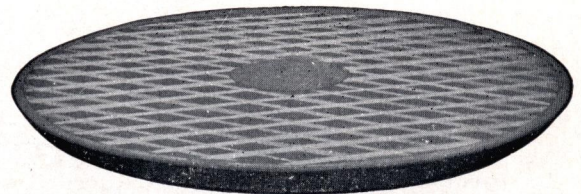


Fig. 756

Industrial Turntable

This is a very strong table and is so simple that it cannot get out of order. Rails can be bolted to the top if desired. The balls are 1¼ inches in diameter. Large enough to allow the table to turn easily. Diameter, 48 inches. Weight, 500 lbs.

Cipher, Hygiene.

Norwood's Vehicle Caster or Portable Turntable

Frame one solid piece of malleable iron, light, strong and rigid. Ball bearing casters delicately respond, permitting the auto to be turned or moved very easily in any direction. The simplest, lightest, smallest and most satisfactory device for handling automobiles, airplanes, etc., ever introduced. Don't lift or drag your cars around, damaging tires, lamps, fenders, etc.

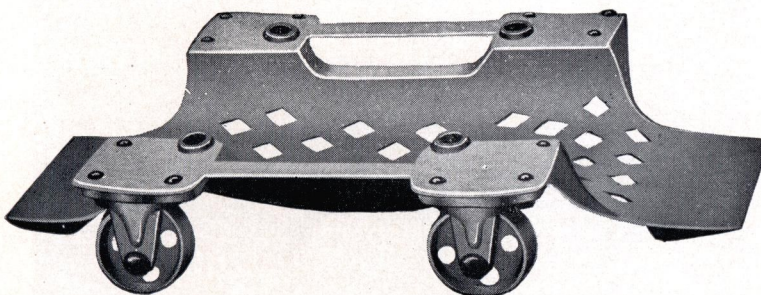


Fig. 820

No. 1—Size, 11x20 inches; diameter of wheels, 2½ inches; weight, 33 lbs. Cipher, Trip.

No. 2—Size, 14x26½ inches; diameter of wheels, 3 inches; weight 42 lbs. Cipher, Tripod.

No. 3—Size, 16x31½ inches; diameter of wheels, 4 inches; weight, 58 lbs. Cipher, Tripe.

Furnished with rubbered or fibre wheels if desired.

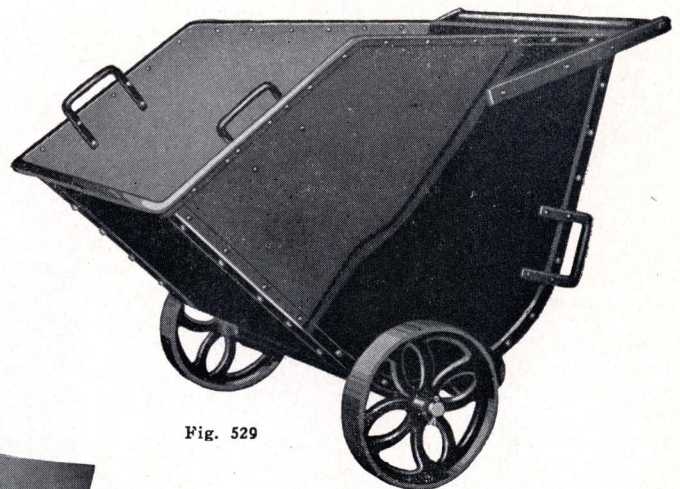


Fig. 529

Bakers' Coal Barrow

Box, 30 inches wide, 44 inches long, 30 inches deep, 38½ inches wide over all. Barrow balances nicely. Most of the load being on the 14-inch (No. 10) wheels. Only a small part of the load is on the 6-inch ball bearing caster at handle end. Weight, 225 lbs.

Cipher, Stoat.

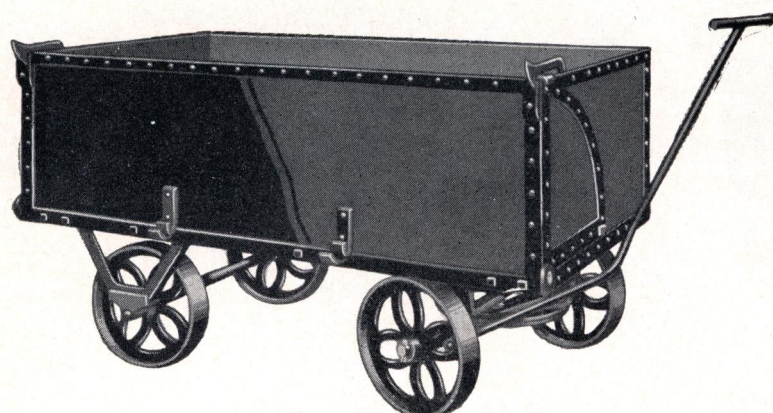


Fig. 173

Coal Trucks

We carry in stock trucks 5 feet by 34 inches; 18 inches deep, to carry 1,000 pounds coal. Wheels, 14 inches in diameter. Hinges and side-board irons are malleable; the only cast iron about the car being the wheels. Rubbered and roller bearing wheels can be furnished. Weight, 625 lbs.

Box of 10 gauge steel Door can be arranged on either side. Can also be furnished in 500-lb., 1500-lb., and 2000-lb. capacities. Car wheels can be furnished for use on track.

Cipher, Spangle.

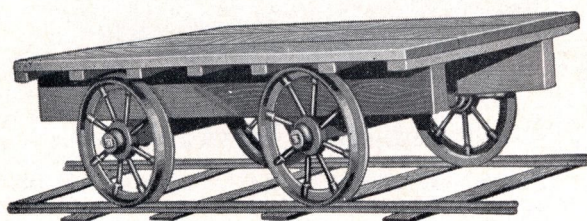


Fig. 299

Push Car

Give us weight of load to be carried, size platform desired, and gauge of track (distance between rails), and quantity wanted, and we will quote prices.

Cipher, Skewer.

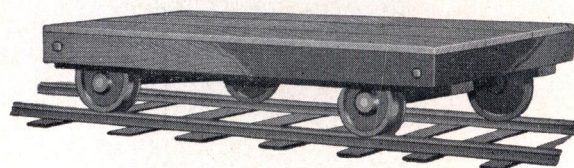


Fig. 287

Push Car

It is hardly possible to show all styles and sizes of push cars that we make. The above cut shows a common style. Let us know the size of platform you desire and weight of load to be carried and net prices will be furnished. Usually made with wheels outside frame.

Cipher, Shed.

Lanco Dump Truck

The box on this truck dumps to either side and can be locked when in an upright position. Car wheels for use on track can also be furnished.

SPECIFICATIONS

Tank, 45½ inches wide, 60 inches long, 27½ inches deep; axles, 2¼ inches square; over all height, 51 inches; wheel tread, 40½ inches. Body of No. 10 gauge steel. Frame of 3x3x⅛-inch T-iron. Semi-steel wheels, 18x3½ inches and 14x3½ inches with Hyatt Roller bearings. Capacity, 1 yard. Weight, 800 lbs.

Cipher, Sprinkle.

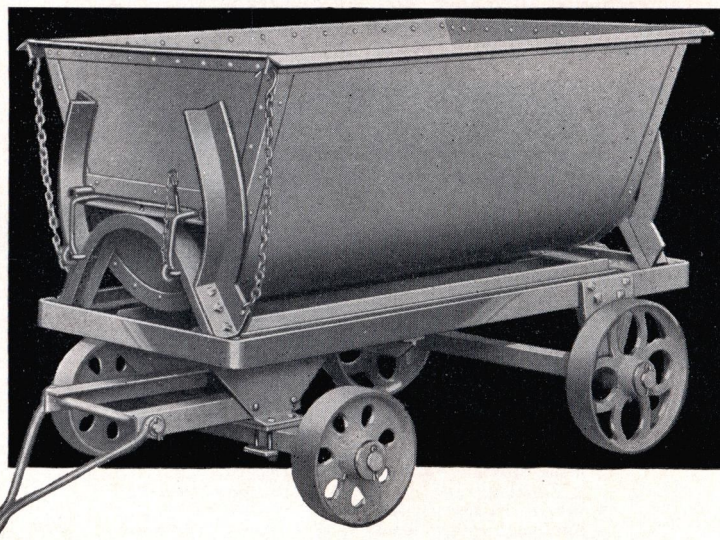


Fig. 946

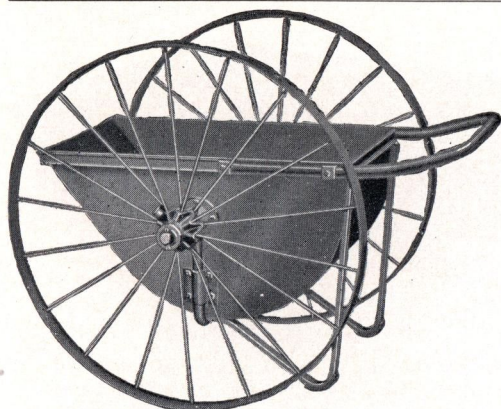


Fig. 526

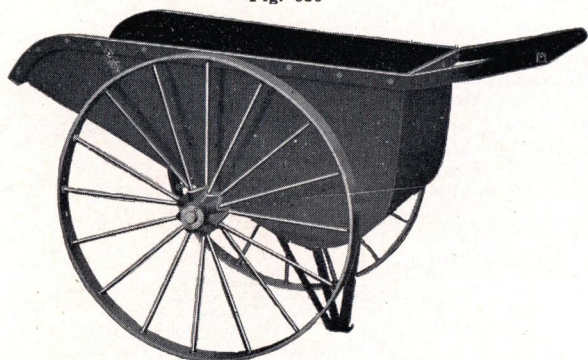


Fig. 528

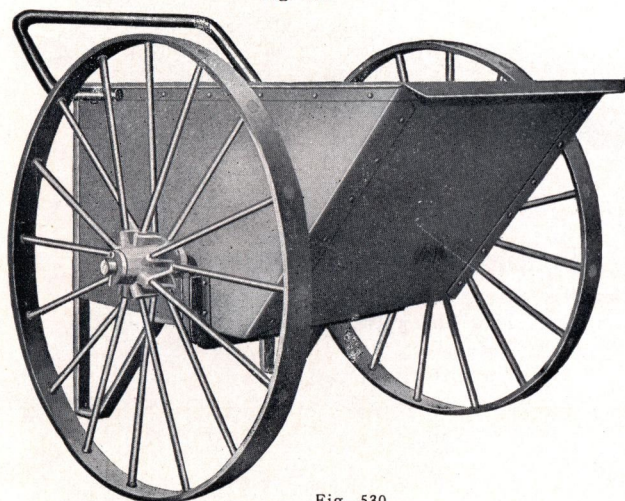


Fig. 530

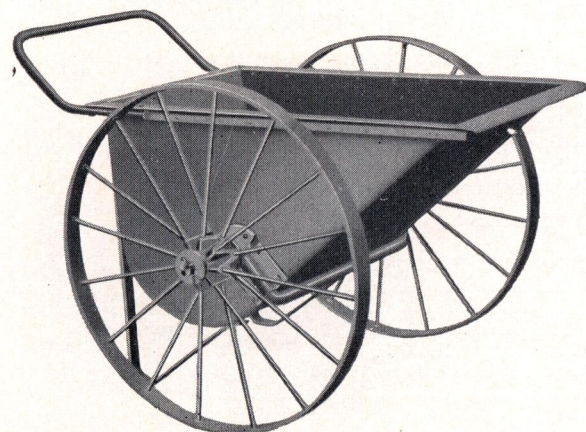


Fig. 754

K-1 Lansing Concrete Barrow

For Contractors, Cement and Concrete Workers

The last word in Concrete Cart construction. The arc welded bodies are water tight and the hot forged axle is so placed that the cart is perfectly balanced. Length of body, 39 inches; depth of body, 20 inches; width of body, 21 inches; length over all, 52 inches; width over all, 39 inches; wheels, 42 inches in diameter, 2-inch tread; weight, 250 pounds; capacity, 6 cubic feet (wet).

All wheels on concrete carts have oval face.

Cipher, Basalt.

K-2 Lansing Concrete Barrow

Adaptability of the rig is easily seen. The long nose enables the load of concrete to be dumped into forms or moulds without spilling, where it would be impossible to use other wheelbarrows economically. Length of body, 42 inches; depth of body, 18½ inches; width of body, 20 inches; gauge of steel, No. 12; length over all, 55 inches; width over all, 32½ inches; handle of 1-inch gas pipe; wheels, 30 inches diameter, 2-inch tread; axle, 1¼-inch square; capacity, 5 cubic feet. Weight, 180 lbs.

Cipher, Basement.

K-3 Lansing Concrete Barrow

The large bowl holds a big load, and is hung so that it will dump easily. Size of bowl, 36 inches long, 21 inches wide, 18 inches deep; capacity, 6 cubic feet; gauge of steel, No. 14; wheels, 30 inches diameter, 2-inch tread. Spokes are staggered about 2 inches. Hub, self-oiling; dropped axle, 1¼ inches square. Axle is held firmly in place by angle irons on each side. Weight, 198 lbs.

Cipher, Bastion.

K-4 Lansing Concrete Barrow

Has carrying capacity of six cubic feet, dry material. Is fitted with round bottom bowl, hung to dump easily. Size of bowl, 23¾ inches wide over all, 39¾ inches long at top, 19½ inches deep. Bowl made of 14-gauge steel reinforced with angle iron entirely around top edge, forged corners. Width of cart over all, 36¾ inches; height, 32 inches; wheels, 30 inches diameter, 2-inch tread. Spokes staggered about 2 inches. Self-oiling hub, dropped axle, 1¼ inches square. Weight, complete, 190 lbs.

Cipher, Bashful.

K-4 WITH PNEUMATIC TIRES

With 30x3½-inch pneumatic rubber tires and tubes, Timken roller bearings. Over all width, 39¾ inches; height, 34 inches. Capacity, six cubic feet, dry material. Weight, 225 lbs.

Cipher, Batten.

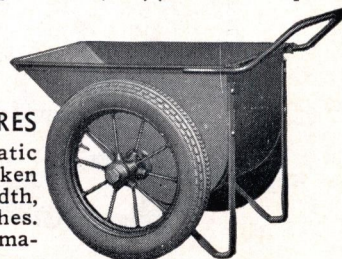


Fig. 943

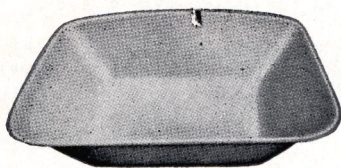


Fig. 755

Pressed Steel Mortar Tub

Without Seam or Rivet

Pressed steel mortar tubs are rapidly taking the place of the old style wooden box. It is lighter, neater, cleaner, and cheaper in the long run, as it will outwear several wooden boxes. These tubs will nest together in carting from job to job. Made of heavy 16-gauge steel pressed to shape with a 5/16-inch rod around top. Size, 28 inches square on top, 15 inches square on bottom and 8 inches deep. Weight, 20 lbs.

Cipher, Hydra.



Fig. 806

Mortar Box

Box made of 14-gauge blue annealed steel and flanged around a 1 1/4-inch angle iron to support the top. Handles are out of way when not in use. Three sizes carried in stock.

The No. 1 box is made of one sheet of steel.

No. 0—2 feet 10 inches wide, 4 feet long, 12 inches deep; capacity, 11 cubic feet. Weight, 65 lbs.

Cipher, Humble.

No. 1—3 feet wide, 6 feet long, 12 inches deep; capacity, 17 cubic feet. Weight, 135 lbs.

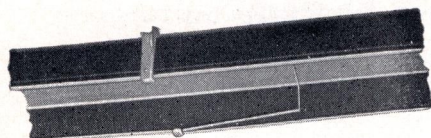
Cipher, Humor.

No. 2—3 feet 6 inches wide, 7 feet 6 inches long, 12 inches deep; capacity 25 cubic feet. Weight, 175 lbs.

Cipher, Humid.

No. 3—4 feet wide, 11 feet 6 inches long, 12 inches deep; capacity, 44 cubic ft. Weight, 265 lbs.

Cipher, Honor.



INTERLOCKING FEATURE

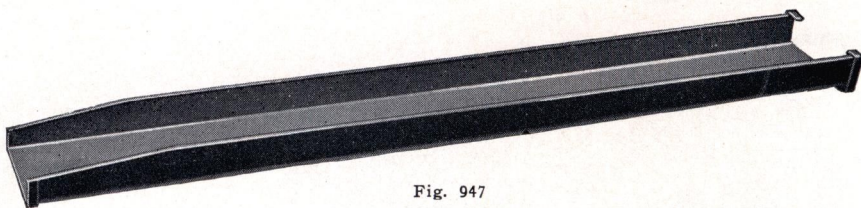


Fig. 947

17 inches wide.

18 inches wide.

Interlocking Concrete Chute

This chute is 6 inches deep. It is designed so that sections interlock and permit the assembly of 50 feet without the use of staging or other support. Carried in stock 8-foot, 10-foot and 12-foot lengths. Upper end bound with 1 1/4 x 1 1/4 x 1/4-inch angles. Weight, 9 lbs. to the foot.

Cipher, Quid.

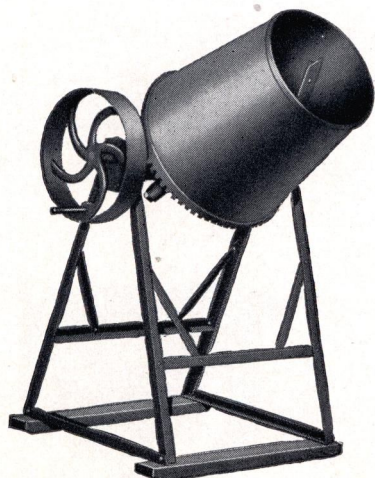


Fig. 948

Lansing Farm Mixer

The ideal mixer for the farmer doing small or medium size jobs. It is the most practical mixer made for concrete work on small foundations, floors, walks, fence posts, watering tanks and silos. It will mix thoroughly a batch of concrete in one minute. Can be loaded on one side and dumped on the other. All steel construction.

Cipher, Impound.

GENERAL SPECIFICATIONS

Drum diameter	22 inches
Depth	26 inches
Drum opening	15 inches
Shoveling height	36 inches
Pulley size	16 inches diameter, 3-inch face
Weight	200 pounds
Capacity.....	2 cubic feet mixed concrete

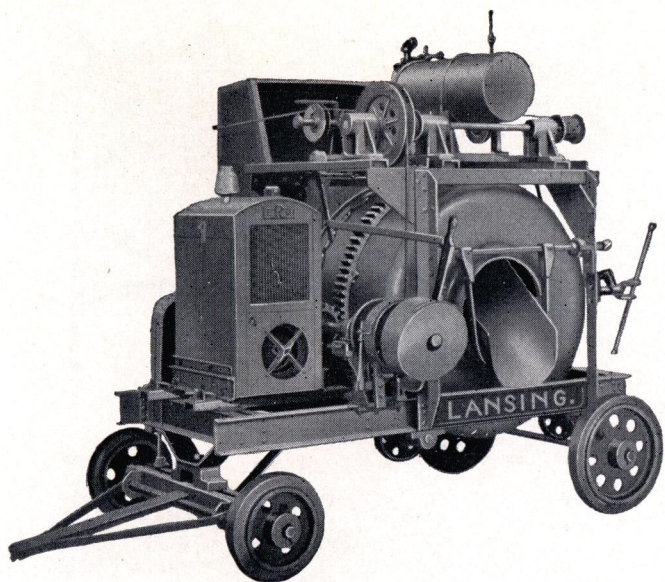


Fig. 854

Concrete Mixers

Specifications of Lansing Mixers

MODEL NO.	5-S	7-S	10-S
Capacity per batch, loose	8	11	15
Capacity per batch, mixed	5	7	10
Horse power, motor	5	8	12
Dimensions			
Face of tire	4	5	5
Diameter of rear wheels	24	24	24
Diameter of front wheels	18	18	18
Width over all, inches	81	85½	91
Length over all, inches	89	102	109
Height over all	85	98	100
Cipher	ImPLY.	ImPOST.	ImPROVE.

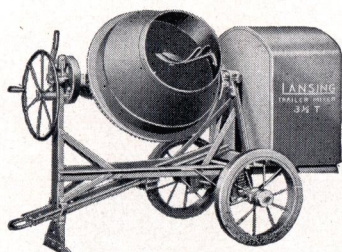


Fig. 855

No. 3½T Trailer Mixer

For small jobs requiring frequent moves, the No. 3½T Trailer Mixer cannot be beat. It is low in price, easy to move, and is a constant helper to the average contractor. It has a mixed batch capacity of 3½ cubic feet—a full half bag (1-3-6 mix). Weight, 1,210 pounds. Power, 2 H. P. gasoline engine. Furnished without power or trucks when desired.

Cipher, Immerge.

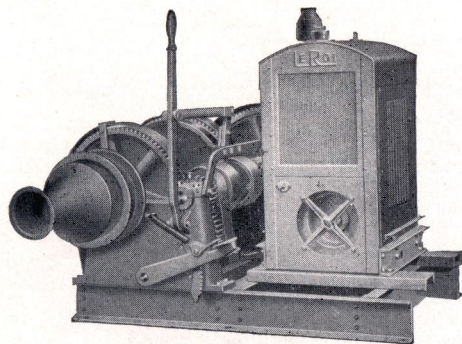


Fig. 758

Lansing Reversible Hoist

The Lansing Hoist is a special favorite with building contractors on account of having not only the main hoisting drum, but also a special winch for a double cage elevator and snubbing drum. The drums are reversible, and will pull a load in either direction. Equipped with 6 or 8 H. P. gasoline engine.

Cipher, Immure.

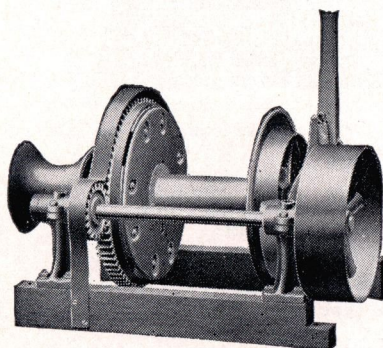


Fig. 852

Lansing Junior Hoist

The Lansing Junior is a clever little non-reversible belt driven hoist with extra snubbing drum, the very thing for hoisting up wheelbarrow loads of brick, mortar and concrete, timbers and other material. Capacity up to 1,500 pounds, shipping weight 300 pounds; used with a 2 or 3 H. P. engine. It is a mighty handy hoist for any contractor to own.

Cipher, Imbibe.

Write for complete mixer catalog.

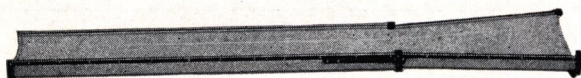


Fig. 296

Telescope Wagon Chute

No.	Cipher	Length Chute	Length Slide	Extreme Length Adjusted	Width Upper End	Width Lower End	Weight, Lbs.
1	Zebra	8 feet	5 feet	12 feet	21 in.	12 in.	90
2	Zenith	10 feet	7 feet	16 feet	21 in.	12 in.	100
3	Zephyr	12 feet	9 feet	20 feet	21 in.	12 in.	125

These chutes can be quickly adjusted to any length needed, not longer than the extreme length mentioned above.

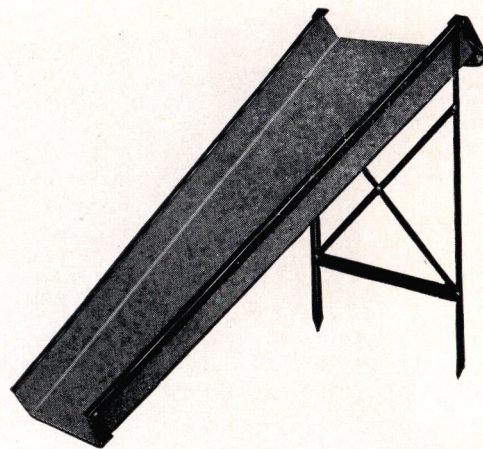


Fig. 294

Lansing Window Chute

A chute that is exceptionally well made from 16-gauge steel. The frame and legs are made of heavy angle iron. The reinforcement makes the chute last longer and forms a strong bracing to hold legs. Made in five and six-foot lengths. Width at top, 22 inches. Width at bottom, 13 inches. Weight, 50 lbs.

Used for emptying coal through windows or holes in sidewalk where the wagon is too close to use a regular chute.

Cipher, Quaker.



Fig. 295

Lansing Extension Soft Coal Chutes

These chutes are made of best quality 17-gauge sheet steel, 18 inches wide at mouth and 17 inches at bottom. The taper permits them to be used as individual chutes or continuous chutes for hard or soft coal may be formed by joining a number of these chutes together. The frame, except foot band, is made of angle steel. The heavy angle steel, well riveted to top end, forms a perfect wagon

catch and holds the mouth firmly in shape. Weight, 8 lbs. to the foot.

No.	Cipher	Length	Width at Top	Width at Bottom	Weight, Lbs.
41	Quibble	8 ft.	18 in.	17 in.	60
42	Quail	10 ft.	18 in.	17 in.	75
43	Quarry	12 ft.	18 in.	17 in.	90

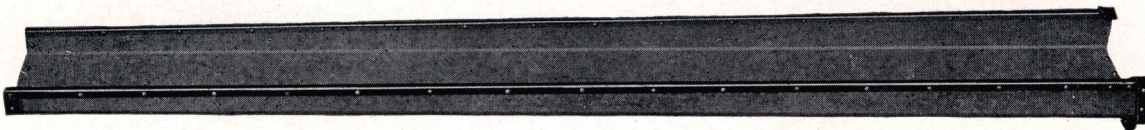


Fig. 297

Tapered Wagon Chutes for Hard Coal

Lansing Tapered Wagon Chutes are made especially for hard coal and small window openings, 18 inches wide at mouth and 12 inches at bottom. Gauge of steel used is No. 17. All chutes can be furnished in black or galvanized steel. Chutes can be furnished with heavier gauge steel if desired.

The following sizes are kept in stock, 18 inches wide at top, 12 inches at bottom:

No. 11, Zigzag—8 feet long. Weight, 60 lbs.

No. 12, Zodiac—10 feet long. Weight, 75 lbs.

No. 13, Zone—12 feet long. Weight, 90 lbs.

Made any length to order.

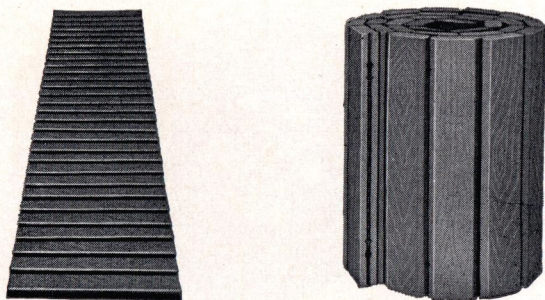


Fig. 951

Lansing Folding Planks

No need of driving your coal trucks over soft lawns or carrying the coal to cellars in bags and baskets. A pair of these Folding Planks will allow driving over any lawn without cutting it up. Made of hardwood strips 18 inches wide, and furnished in any length. Weight, $7\frac{1}{2}$ pounds per running foot. Wood sections held together with flexible cable.

Cipher, Qualm.

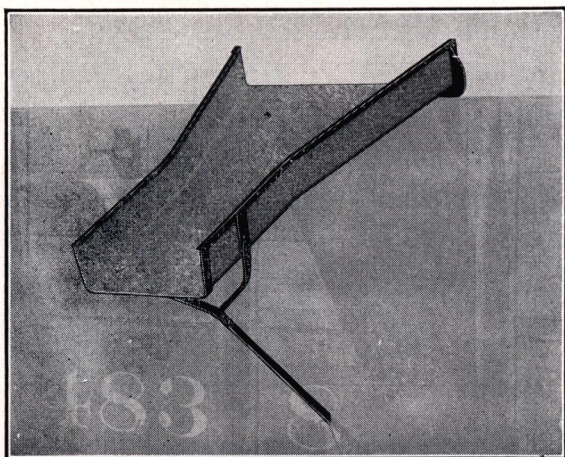


Fig. 949

Car Chute

A chute made to withstand the throwing of lump coal and designed with a wide mouth to shovel into. High sides prevent spilling. Is tapered so any of our Angle Chutes may be connected to it when desired to spout coal to storage bins. 5 feet long, 36 inches wide at mouth, 17 inches at bottom; 6-inch sides, 14-gauge steel and stout iron leg.

Weight, 50 lbs.

Cipher, Quaff.

ENAMELED COAL CHUTE

The Lanco enameled chute is enamel coated, fused into both sides and precludes rusting, and gives a smooth slippery surface. This makes coke or coal flow faster, quieter, farther at lower angles. Length: 8 and 10 feet. Widths: 20 inches tapered to 12 inches, 15 inches or 17 inches; or 20 inches straight; 18 inches tapered to 15 inches. No bolts or rivets, gas welded, heavily braced, 16-gauge ingot iron.

Cipher, Enamel.

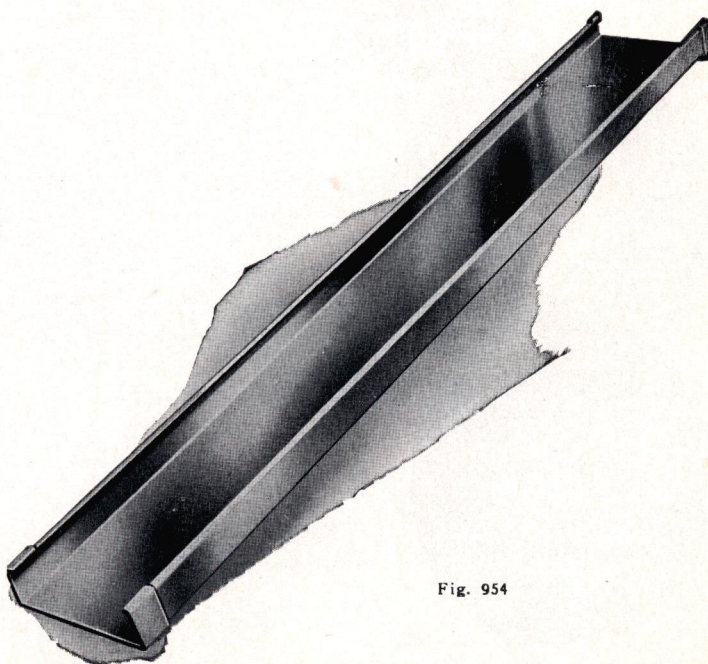


Fig. 954

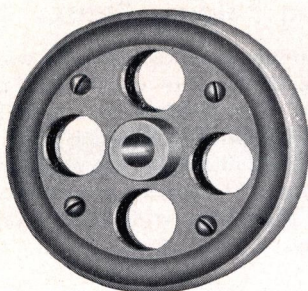


Fig. 265

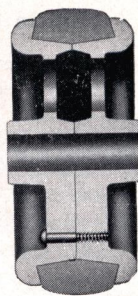
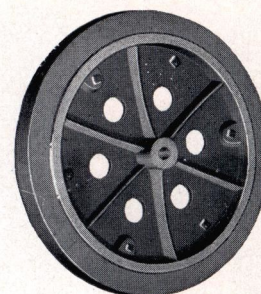
A—RUBBER
Fig. 266

Fig. 831

Patent Rubber Tired Wheels

Diameter Wheels, Inches	Cipher	Rubber Face, Inches	Through Hub, Inches	Bore of Wheels in Stock, Inches
2½	Rabbit	¾	1½	5/16
3	Raccoon	¾	1-9/16	¾
4	Racket	1	2	½
5	Radish	1	2½	½
6	Rag	1½	2½	5/8 and 7/8
7	Railing	1¼	2½	5/8 and 7/8
8	Ramble	1½	2½	5/8 and 7/8
9	Rampart	1½	3	5/8 and 7/8
10	Ramrod	1¾	3	5/8 and 7/8
12	Range	1¾	3	5/8 and 7/8
14	Ransom	1¾	3	7/8
16	Rattle	1¾	3½	7/8
20	Raven	1¾	3½	7/8

Standard Rubber Tired Wheels

A wheel that will do away with the trouble you have been having with the ordinary rubbered wheel. Can be furnished in any hub length and bore, and in sizes ranging from 3 inches to 16 inches in diameter.

Diam. of Wheels, Inches	Cipher	Rubber Face, Inches	Through Hub, Inches	Bore of Wheels in Stock, Inches
3	Demon	7/8	1½	3/8
4	Demoie	7/8	1¾	½
5	Denial	1	2¼	½
6	Denizen	1	2¼	5/8
7	Denote	1	2½	5/8
8	Dense	1	2½	¾
9	Dental	1	3	¾
10	Denude	1¼	3	
12	Deny	1¼	3	
14	Depart	1½	3	
16	Depict	1½	3¼	

Rubbered Wheels with Oval Tires Stretched Over Grooved Face of Wheels

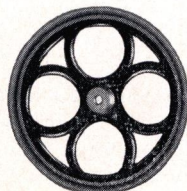


Fig. 628

No. 201R. Diameter, 5½ inches. Bore, 5/8-in.
Cipher, Algebra.

No. 205R. Diameter, 12 inches. Bore 13/16-in.
Cipher, Alien.

When ordering rubber tired wheels or rubber tires, measure diameter from outside to outside of rubber tire.

Lansing Fibre Truck Wheels

They are easy and quiet running and do away with the expense and annoyance of replacing rubber tires.

Fibre also makes an excellent bearing to turn on the axle.

Smaller sizes are of all fibre while the larger sizes have iron centers.

Fibre Wheels

Diameter, inches, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.

Face, inches—¾, 1, 1¼, 1½, 1¾, 2, 2¼, 2½, 2¾, 3.

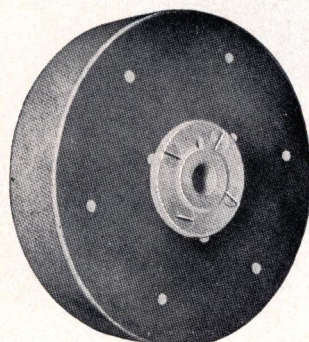


Fig. 759

Fibre Wheels with Metal Centers

Diameter, inches—12, 14, 16, 18.

Face, inches—1¾, 2, 2¼, 2½, 2¾, 3.

Note — When ordering wheels always state the length of hub and bore desired.

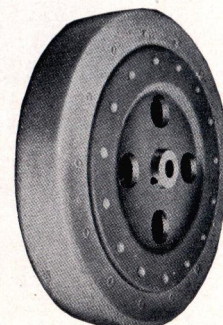


Fig. 762

LANCO MOLDED RUBBER TIRED WHEELS

Rubber tread of these wheels is vulcanized or molded directly to face of wheels and is impossible for rubber tread to come off. After tires are worn down to iron wheel, new tires can be molded on. Lanco Molded Rubber Wheels save man power, for trucks so equipped push and pull easier than trucks with iron wheels. When trailer trucks are equipped with these tires and used in connection with an electric tractor a battery charge lasts longer, and if used with a gasoline tractor more miles can be secured from a gallon of gasoline. Saving on concrete or wood floors alone will pay for initial cost of Lanco Rubber Wheels. Maintenance cost is lower, for constant jarring is eliminated. Wheels and trucks require fewer repairs. Fragile material can be handled with less breakage. Quiet operation is also of importance, noise reduces a worker's efficiency.

These wheels can be furnished with either plain or Hyatt Roller Bearing hubs. Those equipped with Hyatts have Zerk fittings for pressure lubrication while those with plain bearing hub have an oil hole.

SPECIFICATIONS

Over All Diameter, Inches	Width of Face, Inches	Hub Length, Inches	Bore of Wheel, Inches	Bore of Hyatt, Inches	Approx. Weight in Lbs.	Max. Load Rating, Lbs.
4 H.B.	1 1/2	1 1/2	1-1/16	1/2	3	150
4 P.B.	1 1/2	1 1/2	3/8 to 1/2	1/2	3	150
5 H.B.	1 1/2	2	1-1/16	1/2	3	175
5 P.B.	1 1/2	2	1/2 to 3/4	No	3	175
6 H.B.	1 1/2	2 1/4	1-3/16	5/8	6	200
6 P.B.	1 1/2	2 1/4	5/8 to 1	No	6	200
6 H.B.	2 1/4	2 1/4	1-3/16	5/8	7	425
6 P.B.	2 1/4	2 1/4	5/8	No	7	425
7 H.B.	1 3/4	2 1/4	1 7/16	3/4	7	200
7 P.B.	1 3/4	2 1/4	13/16 to 1	No	7	200
8 H.B.	2 1/2	3 1/4	1 to 15/16	1	12	550
8 P.B.	2 1/2	3 1/4	13/16 to 1	No	12	550
9 H.B.	2 1/2	3 1/4	1-15/16	1	14	550
9 P.B.	2 1/2	3 1/4	3/4 to 1	No	14	550
10 H.B.	3	3 1/4	1-15/16	1	20	550
10 P.B.	3	3 1/4	3/4 to 1 1/4	No	20	550
11 H.B.	2 1/2	3 1/4	2-7/16	1 1/4	18	550
12 H.B.	2 1/2	3 1/4	1-15/16	1	20	700
12 P.B.	3 1/2	4 1/4	2-7/16	1 1/4	32	1000
14 H.B.	2 1/2	4 1/4	13/16 to 1 1/4	No	20	700
14 P.B.	2 1/2	4 1/4	1-15/16	1	29	1000
16 H.B.	3	4	2-7/16	1 1/4	30	800
16 P.B.	3	4	1 to 1 1/4	No	34	800
18 H.B.	3	4 1/4	2-7/16	1 1/4	36	1000
18 P.B.	3	4 1/4	2-7/16	1 1/4	45	1000
20 H.B.	3	4 1/4	2-7/16	1 1/4	45	1000
20 P.B.	3	4	1 1/4	No	60	1050

H.B.—Indicates Hyatt Roller Bearing hub.
P.B.—Indicates Plain Bearing hub.

Woodruff Demountable Molded Rubber Tires

These wheels have the rubber tires molded to semi-steel rings, and these in turn are bolted to the pressed steel cones. When the tires are worn down, it is simply necessary to return the rings to have new tires molded on. The cut shows a wheel before it is assembled.

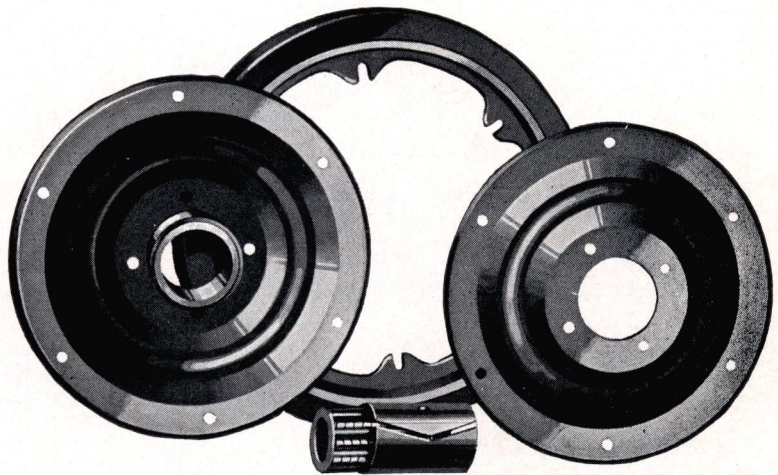


Fig. 963

SPECIFICATIONS

Diameter	Face	Hub	Bore	Bore Hyatts	Weight, Less Hyatts	Max. Capacity, Lbs.
8 in.	2 1/2 in.	3 in.	1-15/16 in.	1 in.	11 lbs.	550 lbs.
10 in.	2 1/2 in.	3 1/4 in.	1-15/16 in.	1 in.	13 lbs.	600 lbs.
10 in.	2 1/2 in.	3 1/4 in.	2 in.	1 1/4 in.	14 lbs.	600 lbs.
16 in.	2 1/2 in.	4 1/4 in.	2-7/16 in.	1 1/4 in.	29 lbs.	700 lbs.
16 in.	3 in.	4 1/4 in.	2-7/16 in.	1 1/4 in.	33 lbs.	800 lbs.

No Guarantee Made
on Rubbered Wheels

Reynolds Ball Bearing Casters

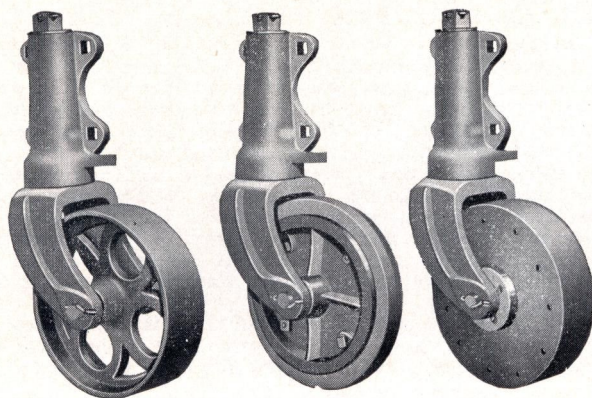
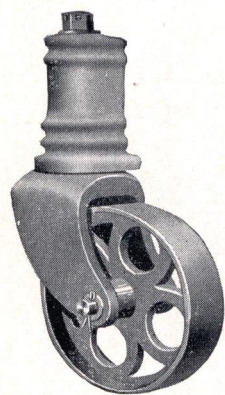
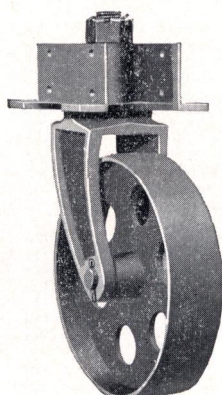


Fig. 527

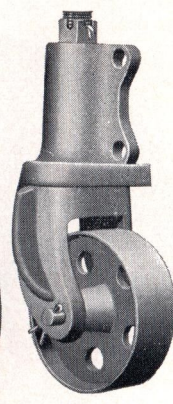
Fig. 627

Fig. 827

Diameter	Iron Wheels		Rubbered Wheels	Fibre Wheels		Height from Floor to Ledge	Height Over All	Approximate Weights
	Face	Cipher		Face	Cipher			
3	1 1/2	Apparel	Artesian	1	Audit	47 7/8	93 3/4	7
4	1 1/2	Archangel	Arson	1 1/4	Attic	57 7/8	103 3/4	8
4 3/4	1 1/2	Archbishop	Apple	1 1/4	Anvil	7	12 1/2	12
6	1 1/4	Archdeacon	Appetite	1 1/4	Antler	73 3/4	133 3/8	17
9	1 1/2	Archduke		1 1/2	Antidote	107 7/8	181 7/8	28
12	1 3/4	Archfiend		1 3/4	Ancient	145 7/8	24	42
6	2	Arena	Apricot	2	Apostle	75 7/8	13 7/8	18
6 3/4	2 1/4	Argosy	Arquebuse	2	Aster	9	16 1/4	22
7 1/2	2 1/2	Arian	Appendix	2 1/4	Asylum	97 7/8	17 7/8	25
9	2 1/2	Aristocrat	Archive	2 1/4	Axton	107 7/8	18 7/8	34
12	3	Armament	Appellee	3	Alpha	145 7/8	24	53

Fig. 927
STAPLE CASTERFig. 1227
ALL STEEL CASTER

Diameter, Inches	Face, Inches	Fig. No.	Cipher	Weight, Lbs.	Height from Floor to Ledge, Inches	Height Over All, Inches
9	2 1/2	927	Askew	45	10 7/8	17-3/16
7	2 1/2	927	Aspect	43	8	16
6	2	1027	Aspire	21	8 1/2	14
9	2 1/2	1127	Assail	44	11	18 1/4
12	3	1227	Assay	47		18 1/4

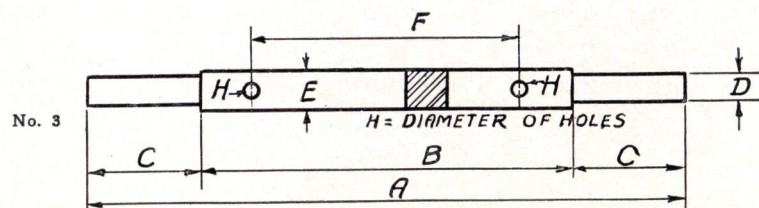
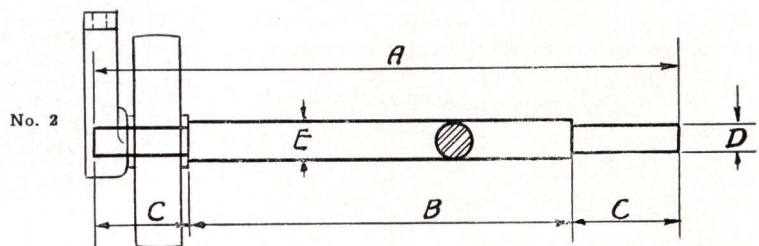
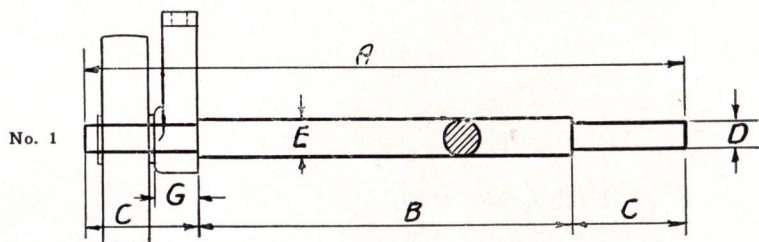
Fig. 1027
WHITE STAR CASTERFig. 1127
CHICAGO CASTER

Give Following Information

When Ordering Replacement Axles:

- A.—Over all length.
- B.—Distance between shoulders.
- C.—Length of turn or bearing.
- D.—Diameter of axle bearing.
- E.—Size of axle stock (square or round).
- F.—Distance between holes.
- G.—Hub length of axle box.
- H.—Diameter of holes.

TYPE OF AXLE (No. 1, 2 or 3).



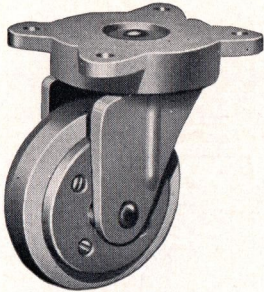


Fig. 624
RUBBER

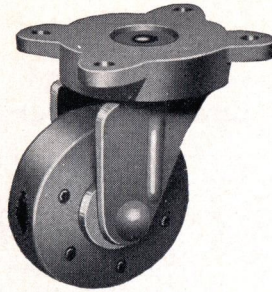


Fig. 724
FIBRE

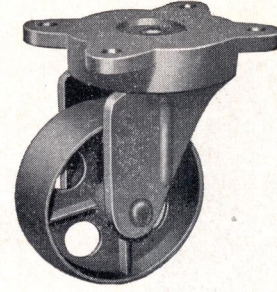


Fig. 524

Anti-Friction Ball Bearing Casters with Rubbered or Fibre Wheels

These casters revolve upon hardened steel balls placed in chilled chambers and carry the weight outside the center of wheels. This gives an even bearing upon the balls and relieves all friction upon the pivot and screws. There is no danger of the tires becoming detached from wheels, yet they are easily replaced if they should wear out. Solid fibre wheels are used. Size of base and height over all same as Fig. 524.

Cipher		Diameter	Face		Weight, Lbs.
Rubber	Fibre		Rubber	Fibre	
Abdicate	Anapest	2½	7/8	7/8	3½
Aurora	Allocate	3	7/8	1	4½
Avalanche	Alight	4	7/8	1¼	5¾
Aunt	Agnail	5	1	1½	8¼
Autumnal	Aged	6	1	1¾	16½
Autumn	Afflict	6	1	2	20
Audible	Affirm	8	1	2	24

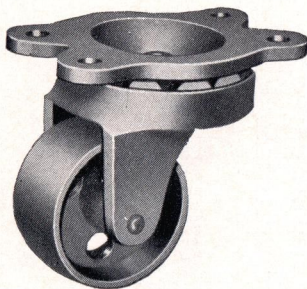


Fig. 22

Patent Anti-Friction Truck Caster

Casters revolve upon a series of steel rollers or discs, placed in an annular chamber, and carry the weight outside the center of main wheel. This gives an even bearing upon the circle of discs, and relieves all friction upon pivot or strain upon the fastening screws. Parts are riveted together firmly, and free access given to screws through an opening in plate without inconvenience of taking apart.

No.	Cipher with Iron Wheels	Diameter of Wheel, Inches	Tread of Wheels, Inches	Height Over All, Inches	Weight Per Set, Lbs.	Size of Plate
186	Velvet	1¾	7/8	2¾	4	3½x2¼
188	Venom	2½	1¼	3¾	9	4½x3

Furnished with iron, fibre or rubbered wheels.

Anti-Friction Ball Bearing Casters

These casters revolve upon hardened steel balls placed in chilled chambers and carry the weight outside the center of wheels. This gives an even bearing upon the balls and relieves all friction upon the pivot and screws.

Cipher	No. of Wheel	Diameter of Wheel	Face of Wheel	Height Over All	Size of Base	Weight Complete
Ascetic		2½	1¼	3¾	3 x 4½	3
Artifice	182	3	1½	4½	3½x4¾	4½
Artillery	281	4	1½	5½	3½x4¾	5
Dearborn	851	4	2¼	6	4½x6	9
Asparagus	279	4¾	1½	6½	4 x 5½	7½
Ashes	138	6	2	7½	5½x7	16
Augur	137	6	2¾	7¾	5½x7	20
Fordsel	853	8	2½	10	6¾x8½	26

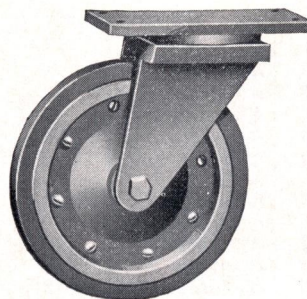


Fig. 832

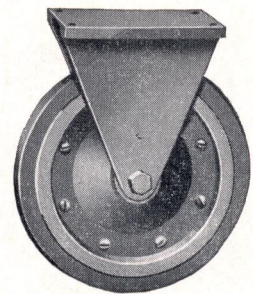


Fig. 833

Lansing Pressed Steel Casters

Lansing Pressed Steel Casters are easy running and swivel smoothly. The swivel type is full ball bearing, having two ball races in the top plates. The balls are of liberal size and run in deep grooves. The wheels of both swivel and stationary casters are roller bearing. Pressed steel wheels, with standard rubber tires. Welded—not riveted. Hyatt bearings in wheel hubs. Ball bearings in upper races.

Cipher	Diameter of Wheels, Inches	Fig. No.	Over All Height, Inches	Size of Plate, Inches	Weight, Lbs.
Annoy	8	832	9½	4x7	12
Annul	8	833	9½	5x5½	10
Anoint	5	832	6½	4x7	8
Anther	5	833	6½	4x4¾	5
Aorta	3	832	4½	4x4	4
Apish	3	833	4½	4x3	3½

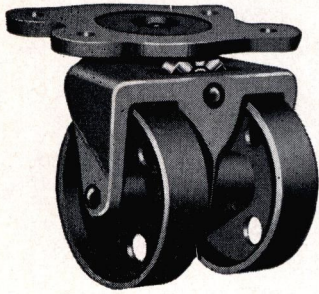


Fig. 769

Lansing Casters

Cipher	Diameter Wheels, Inches	Face Wheels, Inches	Size of Base, Inches	Height Over All, Inches	Weight, Lbs.
Madrigal	2½	1⅛	3¼x4¾	3½	3½
Manacle	3½	1½	3¾x5	4¾	6½
Mandarin	4	1½	3½x5	5½	8½
Mandible	5	2	5 x7	6¾	20
Mango	6	2	5 x7	7¾	22

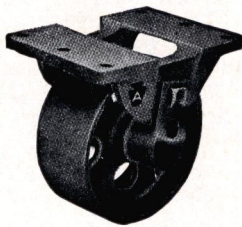
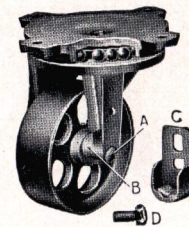


Fig. 786

STATIONARY



Fig. 785

Fig. 783
SWIVEL

Moore Self-Oiling Casters

Fig.	Cipher	Diameter Wheel	Face Wheel	Height Over All	Weight, Lbs.
785	Amnesty	3¾	1¾	4¾	5
785	Anagram	3½	1½	5	6
786	Anatomy	4½	2	5	7
785	Angular	4½	1½	5¾	7
785	Annulet	5¾	1½	6¼	7½
785	Antic	6¾	2	7	13
785	Antipode	8	2	8½	18
786	Antiphon	8	2¾	8¾	24
785	Apoplexy	10	2¾	10½	24
786	Apocope	10	2¾	10½	28
786	Apodal	12	3¼	13	35
783	Amaranth	3¾	1¾	5½	9
783	Amateur	4½	1½	6½	10
783	Amenity	5½	1½	7½	10
783	Altar	6½	1¾	8½	20

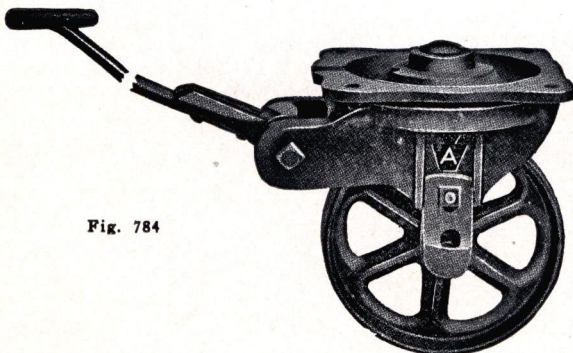
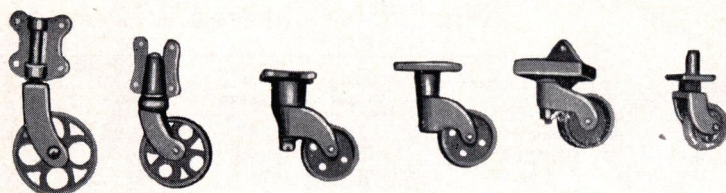
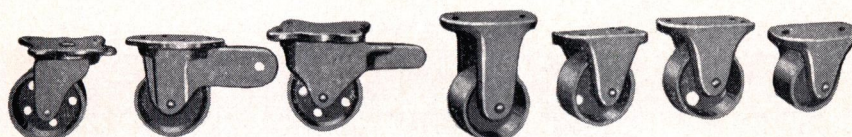


Fig. 784

Fig.	Cipher	Diameter Wheel	Face Wheel	Height Over All	Weight, Lbs.
784	Almond	6⅞	1¾	8½	24
784	Almoner	6¾	2¾	9	40
784	Almanac	8⅝	2¾	10¾	48
784	Allegory	9	4	11	55



461 462 463 464 465 466



467 468 469 470 471 472 473



474 475 476 477 478 479 480 481

Cipher	No. of Pattern	Diameter of Wheel, Inches	Face of Wheel, Inches	Height Over All, Inches	Weight, Lbs.
Aboriginal	481	3½	15/16	4¼	3½
Abscond	479	4	1-7/16	5¾	6¼
Absinthe	480	4	1½	4¾	5¼
Anodyne	466	4	1½	8	7
Acacia	478	4	2¾	5	8
Academy	476	4-3/16	3-1/16	5	11
Acanthus	465	4½	1¼	8½	12
Accordion	477	4½	1¾	5	7
Acerbity	463	b.b. 4½	1¼	8¾	12¼
Acrobat	473	5½	2½	6¾	18
Adjutant	467	b.b. 5½	4	7¾	24
Adorable	475	6	1-1/16	6½	5
Alembic	462	6	1¼	12	10
Atrophy	474	6	2½	7¾	12
Amazon	471	6	2-7/16	7½	18¼
Ambrosia	469	6	2¾	8½	35
Amethyst	472	6	3	7¾	18
Amulet	468	6-1/16	3-1/16	7¾	34½
Agonize	461	6¾	1-3/16	14¾	13½
Alamode	464	4¾	1¼	8½	10¾

b.b.—Ball bearing casters.

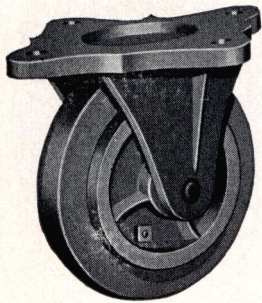


Fig. 290

Fig. 290—Rubbered Wheels in Stands

Cipher	Diameter, Inches	Face of Rubber, Inches	Height Over All, Inches	Size of Base, Inches	Weight Each, Lbs.
Abbe	2½	¾	3⅛	17⅛x3¾	3
Abduct	3	¾	3¾	5 x5¾	4
Abide	4	1	4¾	5½x6¾	7
Abyss	5	1	5⅝	6⅝x7½	10½
Arbor	6	1	7¼	7 x8	14½
Author	7	1	8¾	3⅝x7	16½
Acid	8	1	9	4⅜x7¾	22½
Abacus	9	1	10-3/16	4¾x7¾	25¾

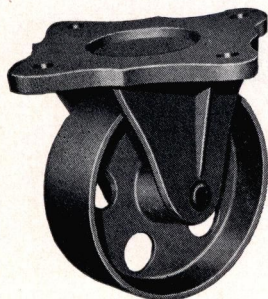


Fig. 390

Fig. 390—Iron Wheels in Stands

Cipher	Diameter, Inches	Face, Inches	Height Over All, Inches	Size of Base, Inches	Weight Each, Lbs.
Annex	2½	1⅛	3⅛	17⅛x3¾	1½
Anthem	3	1⅜	3¾	5 x5¾	3½
Anon	4	1⅝	4¾	5-9/16x6¾	3½
Anise	4	1⅝	4¾	2½x4	5
Ancestor	4	2⅜	4¾	3¾x6½	8
Angry	5	1-7/16	5⅝	6⅝x7½	8½
Angle	6	1-15/16	7¼	7 x8	12
Athlete	7	2-3/16	8¾	3⅝x7	14
Attorney	8	2-9/16	9	4⅜x7¾	20
Animal	9	2-9/16	10-3/16	4⅜x7¾	26¼

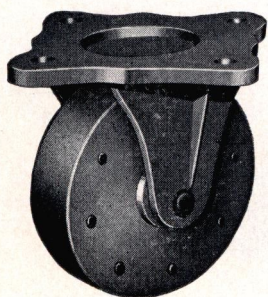


Fig. 490

Fig. 490—Solid Fibre Wheels in Stands

Cipher	Diameter, Inches	Face, Inches	Height Over All, Inches	Size of Base, Inches	Weight Each, Lbs.
Acrostic	2½	7/8	3⅛	17⅛x3¾	1½
Aboard	3	1	3¾	5 x5¾	2½
Abnormal	4	1¼	4¾	5½x6¾	3
Advocate	5	1½	5⅝	6⅝x7½	7¾
Albino	6	1¾	7¼	7 x8	9½
Alcove	7	1¾	8¾	3⅝x7	10½
Absorb	8	2	9	4⅜x7¾	17
Absolve	9	2	10-3/16	4¾x7¾	23¼

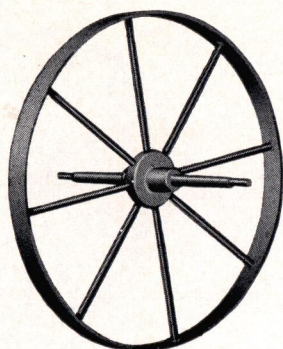


Fig. 307

Steel Wheels for Barrows

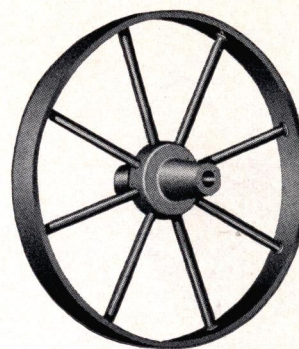


Fig. 308

These wheels are made with eight round spokes cast solid in a chilled iron hub. A steel bushing is cast in hub making it indestructible. The spokes have a shoulder under tire and are riveted on the outside, the tire being counter-sunk to receive same. These are undoubtedly the strongest metal wheels on the market.

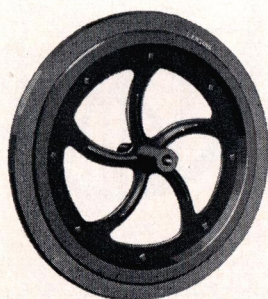
Figure	Cipher	Diameter, Inches	Tread, Inches	Length of Hub Between Shoulders, Inches	Size of Spokes, Inches	Diameter and Length of Gudgeon, Inches or Bore	Barrows on Which These Wheels Are Used
308	Ignoble	15	1 $\frac{1}{4}$	6	$\frac{3}{8}$	7/16*	C'm'n B'l't'd, Climax and New Mich. Eureka Tubular (Light) Tubular (Heavy)
308	Jackal	15	1 $\frac{3}{8}$	6	7/16	$\frac{1}{2}$ *	
308	Jacket	15	1 $\frac{1}{2}$	6	$\frac{1}{2}$	$\frac{5}{8}$ *	
308	Jargon	15	1 $\frac{3}{4}$	6	$\frac{1}{2}$	$\frac{5}{8}$ *	
308	Jay	17	2	6	$\frac{1}{2}$	$\frac{5}{8}$ *	
307	Incline	20	1 $\frac{1}{2}$	14	7/16	$\frac{1}{2} \times 1\frac{3}{4}$	Globe No. 2 and No. 4E New Crescent
308		18	1 $\frac{1}{4}$	6	$\frac{3}{8}$	7/16	

*Wheels marked * revolve on loose bolt through hub.

Wood Wheels for Barrows

Cipher	Diameter, Inches	Tread, Inches	Length of Hub Between Shoulders, Inches	Diameter of Gudgeon, Inches	Place Where Used
Wafer	18	1 $\frac{1}{4}$	6	*	Eureka Barrows
Waft	18	1 $\frac{1}{4}$	6	*	Stone Barrows (very heavy wheels)
Waste	18	2	15	$\frac{3}{4}$	Scrap Iron Barrows
Waiter	20	2	16	$\frac{3}{4}$	Heavy Stave Barrows
Walk	16	1 $\frac{1}{4}$	12	$\frac{1}{2}$	No. 2 Eastern Garden Barrows
Walnut	20	1 $\frac{1}{2}$	14	$\frac{1}{2}$	No. 2 Globe Garden Barrows
Weed	20	1 $\frac{1}{2}$	16	$\frac{1}{2}$	No. 5 Eastern Garden Barrows
Wigwam	20	3	14	$\frac{1}{2}$	No. 4 Eastern Garden Barrows
Windward	20	3	16	$\frac{1}{2}$	No. 5 Eastern Garden Barrows
Wrestle	20	5	14	$\frac{1}{2}$	No. 4 Eastern Garden Barrows

*These wheels revolve on bolt through hub.

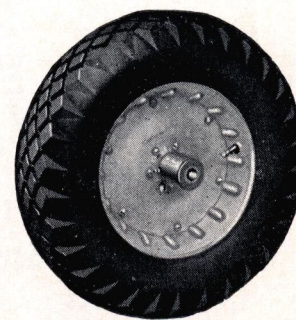


Hard Rubber Tired Wheelbarrow Wheel

The wheel is of Malleable Iron and in two sections allowing the tire to be replaced easily. Diameter, 16 inches; Face, 1 $\frac{1}{2}$ inches; Hub Lengths, 6 inches; Bore, $\frac{5}{8}$ -inch.

Weight, 24 lbs.
Cipher, Deflect.

Pneumatic Rubber Tired Wheelbarrow Wheel



Pressed steel center with 6-inch ball bearing hub, $\frac{5}{8}$ -inch bore and Zerk Oiler. 16"x4" Tire, either Four-Ply, Single Tube or Two-Ply Tire with Inner Tube. Can be used on our Tubular or Contractors Barrows.

Weight, 15 lbs.
Cipher, Define.

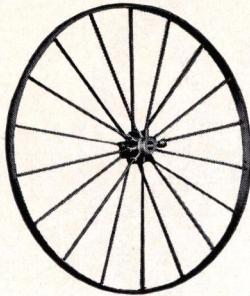


Fig. 790

Steel Wheels for Concrete Carts

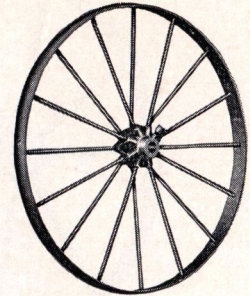


Fig. 770

Cipher	Fig. No.	Diameter, Inches	Tires, Inches	Spokes, Inches	Length of Hub, Inches	Bore, Inches	Weight, Pounds	Where Used
Monogram	770	30	2x3/8	1/2 Round	5	1 1/8	45	K-3 and 4
Modulate	790	42	2x1 1/2 Half Oval	7/16x7/8 Oval	6	1 1/4	50	K-1

Express Wagon Wheels "American Pattern"



Fig. 806

Felloes of best second growth oak, 1 1/2 x 3 1/2 inches. Spokes are 1 x 1 3/4 inches, and made of best rock elm or white oak. Iron hubs 6 inches long, bored tapering for 1 1/2-inch axle. Tires, 1/4 x 3 1/2-inch iron.

These wheels are given two coats of paint (vermilion) and nicely varnished and striped.

28 inches diameter, telegraph name, Epic.

31 inches diameter, telegraph name, Episode.

Sarven Wheels

For Baggage Wagons and Fertilizer
Carts

Diam., Ins.	Face, Ins.	Hub, Ins.	Bore, Ins.	Wt., Lbs.
30	3 1/2	6	1 1/2 Tapered	44
36	1 1/2	7 1/2	1 1/4	33
42	1 1/2	6	1 1/2 Tapered	42

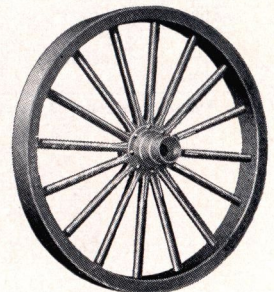


Fig. 836

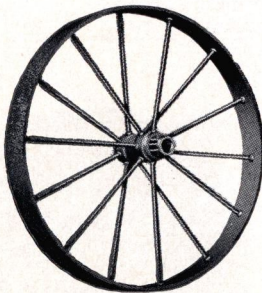


Fig. 834

Roller Bearing Steel Wheels

For Express Wagons

Diameter, 30 inches. Tire, 3 1/2 x 3/8 inches. Hub, 6 inches long. Bore, 1 3/8 inches. Weight, 55 lbs.

Code, Effect.

Steel Wheels

For Express and Stave Wagons

The spokes of these wheels are riveted on both sides of tire and cast into solid iron hub in a way that it is impossible for them to become loose. Bearing is carefully bored to correct size.

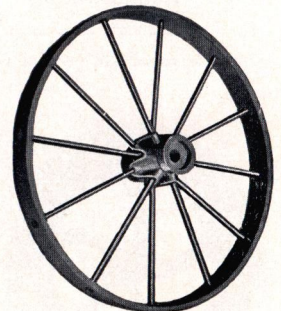


Fig. 309

Cipher	Weight Each, Lbs.	Diam., Ins.	Tires, Inches	Length and Bore of Hub	No. of Spokes	Size of Spokes
Evade	60	24	1/2 x 3	6 in. bored 1-7/16 in.	9	3/4 in.
Exile	70	28	1/2 x 3	6 in. bored 1-7/16 in.	9	3/4 in.
Elegy	74	30	1/2 x 3	6 in. bored 1-7/16 in.	9	3/4 in.
Eagle	85	36	1/2 x 3	6 in. bored 1-7/16 in.	9	3/4 in.
Echo	70	36	1/2 x 2	6 1/2 in. bored 1 1/4 in.	10	1 in. oval

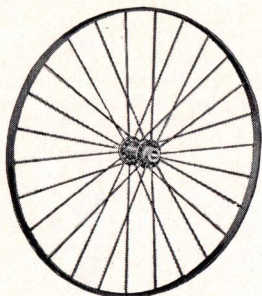


Fig. 835

Wire Spoke Wheels For Knickerbocker Carts

Diam., Ins.	Face, Ins.	Hub, Ins.	Bore, Ins.	Wt., Lbs.
30	1 1/4	4 1/2	7/8	14
18	1	3	7/16	6

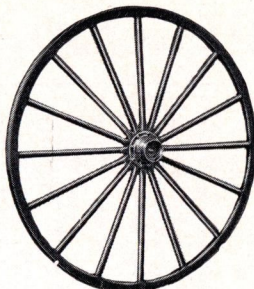


Fig. 838

Heavy Duty Wood Wheels For Hand Carts

Diam., Ins.	Face, Ins.	Hub, Ins.	Bore, Ins.	Wt., Lbs.
30	1	4 1/2	7/8	17
36	1	4 1/2	7/8	21

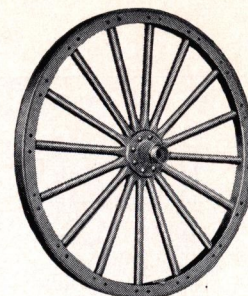


Fig. 837

Heavy Duty Wood Wheels For Pick-Up Carts

Diam. Ins.	Face, Ins.	Hub, Ins.	Bore, Inches	Wt., Lbs.
55	3	10	2-1-13/16	195
45	3	10	2-1-13/16	165

Wood Wheels for Hand Carts

Cipher	Dia., Inches	Tread, Inches	Length of Hub	Bore of Wheels	Place Where Used
Welcome	30	1	4 1/2	15/16	No. 2 Hand Cart
Welfare	36	1	4 1/2	15/16	No. 1 Hand Cart
Welkin	42	1	5	1-1/16	No. 0 Hand Cart
Welsh	30	1 1/4	4 1/2	1-3/16	Water Cart
Whiff	36	1 1/2	5	1-1/16	
Wriggle	42	1 1/2	5	1-1/16	
Wrung	30	3	4 1/2	15/16	No. 2 Hand Cart
Wince	30	3	4-1/16	1-3/16	Water Cart
Whitethair	36	3	4 1/2	1	No. 1 Hand Cart
Wheeze	42	3	5	1	No. 0 Hand Cart

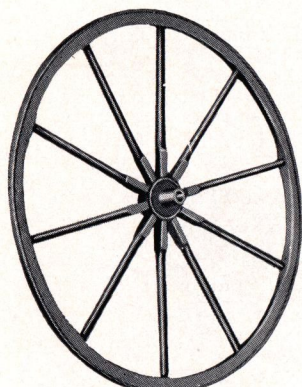


Fig. 376

Steel Wheels for Hand Carts

Cipher	Dia., Inches	Tread, Inches	Length of Hub	Bore of Wheels	Place Where Used
Vinculum	30	1 1/4	4 1/2	15/16	No. 2 Hand Cart
Virago	36	1 1/2	4 1/2	15/16	No. 1 Hand Cart
Viscount	42	1 1/2	5	1-1/16	No. 0 Hand Cart
Violet	30	1 3/4	5	1 1/8	Water Cart

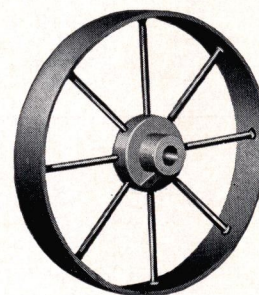


Fig. 851

Steel Wheels With Steel Tires

Diameter, 18 inches. Face, 3 inches. Hub, 6 inches. Bore, 1 3/8 inches. Weight, 55 lbs.

Steel Wagon Wheels

Made for very heavy work. Tires are 3x5/8-inch steel, spokes are 5/8-inch steel. As they are staggered and firmly secured to hub and tire, they give the wheel great strength. Hub is made of one solid piece of iron, bored for a tapering 2-inch axle. Length of hub, 7 1/4 inches. Any size made to order. The following are carried in stock:

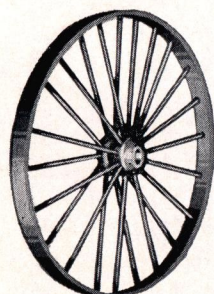


Fig. 304

Cipher	Weight, Each	Diam., Ins.	No. of Spokes	Tires, Ins.	Length and Bore of Hub
Envoy	95	30	16	5/8x3	7 1/4 in. tapered for 2 in. axle
Ebony	110	36	16	5/8x3	7 1/4 in. tapered for 2 in. axle
Estate	140	44	22	5/8x3	7 1/4 in. tapered for 2 in. axle
Effete	97	24	16	5/8x5	7 1/4 in. tapered for 2 in. axle

Wood Wheels

For Lumber
Carts and
Trucks

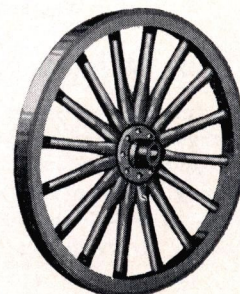


Fig. 375

Diameter, 30 inches. Size of Tire, 1/4x3 inches. Number of spokes, 14. Length and bore of hub, 7 1/4 inches tapered for 2-inch axle.

Cipher, Eclogue. Weight, 70 lbs.

Diameter, 44 inches. Size of Tire, 1/4x3 inches. Number of spokes, 16. Length and bore of hub, 7 1/4 inches tapered for 2-inch axle.

Cipher, Effigy. Weight, 90 lbs.

Cast Iron Car Wheels

No.	Cipher	Roller or Plain Bearing	Diameter at Tread	Face Flange Extra	Length of Hub	Bore	Flange Projection	Weight in Lbs.
56	Jangle	P	20	1 $\frac{1}{4}$	5 $\frac{1}{8}$		1	120
31	Janitor	P	19 $\frac{1}{2}$	3	3-7/16	1 $\frac{5}{8}$	1 $\frac{1}{2}$	82
32	Jugular	P	18	2 $\frac{1}{4}$	4-1/16		3/4	96
33	Juice	P	18	2 $\frac{3}{4}$	4		1	46
34	Japan	P	18	3 $\frac{1}{4}$	5-1/16	1-15/16	1	111
35	Jail	P	17 $\frac{3}{4}$	2 $\frac{3}{4}$	3 $\frac{5}{8}$	1 $\frac{5}{8}$	1 $\frac{1}{4}$	65
36	Jujube	P	17 $\frac{1}{2}$	2 $\frac{3}{4}$	5	2 $\frac{1}{2}$	1	76
38	Jar	P	15	2	3 $\frac{1}{2}$	1 $\frac{5}{8}$	1	54
39	July	P	14 $\frac{1}{2}$	1 $\frac{3}{4}$	5-1/16	2 $\frac{1}{2}$	3/4	92
40	Juniper	P	12	2 $\frac{1}{4}$	3 $\frac{1}{2}$		1	44
41	Junto	P	12	2 $\frac{3}{4}$	3-11/16		1	39
44	Jupiter	R	12	2 $\frac{7}{8}$	4-1/16	2-1/16	1	57 $\frac{1}{4}$
42	Jingle	P	12	1 $\frac{3}{4}$	3	1-7/16	7/8	25
45	Jurist	P	11 $\frac{1}{2}$	2	3-9/16		1 $\frac{1}{2}$	57
46	Jewell	P	10	2	3-7/16	1-1/16	3/4	22
47	Jute	P	9	2 $\frac{3}{4}$	4 $\frac{1}{4}$	1 $\frac{1}{2}$	1	33
48	Ibex	P	6	1 $\frac{1}{2}$	2 $\frac{1}{8}$	7/8	1	7 $\frac{1}{4}$
50	Jowl	P	4 $\frac{3}{4}$	1	1-15/16		3/8	5
52	Job	P	10	3	4 $\frac{1}{8}$		13/16	32
54	Jockey	R	15	2 $\frac{1}{8}$	4	2-1/16	1	53 $\frac{1}{2}$
58	Joint	P	8 $\frac{5}{8}$	1 $\frac{3}{4}$	2 $\frac{1}{2}$	1	11/16	19
61	Journal	P	2 $\frac{3}{4}$	1 $\frac{1}{8}$	1 $\frac{3}{8}$	3/4	5/16	
70	Judge	R				2-1/16		
		P	16	2 $\frac{1}{4}$	4	1 $\frac{1}{2}$	3/4	58

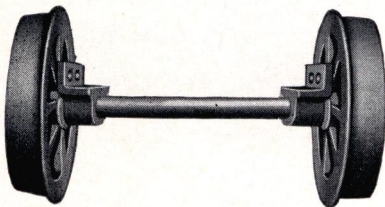


Fig. 830

Car Wheels and Axles

We furnish car wheels from 6 inches to 20 inches in diameter. Axles and bearings to fit any wheels. Give gauge of track, (distance between rails).

Diameter of Wheels	Size of Axle
6 inches	3/4 inch square
9 inches	1 inch square
12 inches	1 $\frac{1}{4}$ inches square
15 inches	1 $\frac{1}{2}$ inches square
18 inches	1 $\frac{3}{4}$ inches square
20 inches	2 inches square

Each set consists of four wheels, two axles and four boxes

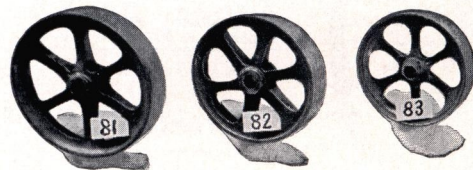


Fig. 525

Wheels for Steel Nose Trucks

No.	Cipher	Diameter in Inches	Face in Inches	Length of Hub, Inches	Bore in Inches	Weight in Lbs.
81	Woman	12	3 $\frac{1}{2}$	4 $\frac{1}{8}$	1-1/16	24
82	Wig	10 $\frac{1}{2}$	3	3 $\frac{5}{8}$	1-1/16	20
83	Wide	9 $\frac{1}{2}$	2 $\frac{1}{4}$	3 $\frac{1}{4}$	15/16	12
84	Wick	8 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	13/16	11
85	Whether	7 $\frac{1}{4}$	2	2 $\frac{1}{4}$	11/16	6
86	Wildfire	5 $\frac{3}{4}$	1 $\frac{3}{4}$	2-1/16	5/8	4
87	Vigor	12	3 $\frac{3}{8}$	4 $\frac{1}{8}$		27
88	Villa	10 $\frac{1}{2}$	3	3 $\frac{5}{8}$		25
89	Vindicate	8 $\frac{3}{8}$	2-7/16	2 $\frac{3}{4}$		11
90	Vinyard	8 $\frac{3}{8}$	2 $\frac{3}{4}$	2-15/16	7/8	14
91	Vintage	5 $\frac{5}{8}$	1 $\frac{5}{8}$	2-1/16		4
95	Violate	6 $\frac{3}{8}$	1-9/16	17/8		4
96	Virtue	14	3	3 $\frac{5}{8}$	1 $\frac{3}{8}$	34
97	Visage	12	4	3 $\frac{1}{2}$	1 $\frac{3}{8}$	38
98	Vision	12	2 $\frac{1}{2}$	3		26
99	Vista	13-9/16	3 $\frac{1}{4}$	3	1	34
900	Vital	9 $\frac{1}{2}$	4	4 $\frac{1}{4}$	1 $\frac{1}{4}$	25
901	Vivid	6 $\frac{3}{4}$	2	2 $\frac{1}{8}$	1 $\frac{1}{2}$	7
902	Vixen	10 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	1 $\frac{1}{4}$	16
903	Vocal	10 $\frac{1}{2}$	3	3 $\frac{5}{8}$	1 $\frac{1}{8}$	18
904	Vogue	5 $\frac{1}{2}$	1 $\frac{3}{8}$	1 $\frac{5}{8}$	3/4	2 $\frac{1}{2}$
906	Voice	9 $\frac{7}{8}$	3	3 $\frac{1}{4}$		27

Cast Iron Wheels

No.	Cipher	Roller or Plain Bearing	Diameter in Inches	Face in Inches	Length of Hub, Inches	Bore in Inches	Weight in Pounds
1	World	P	24	3	3-7/16	1 1/4	66
201	Wrench	P	23	2 1/4	4	1-9/16	61
202	Wrist	P	22	5	6-3/16		128
203	Weasel	P	21 1/4	2 1/4	3-15/16	1 1/4	54
204	Winnow	P	21	3 1/2	5 1/8	2	66
205	Volant	P	20 1/2	2-5/16	4-7/16	1-7/32	41
2	Wax	P	20	2 1/2	3-5/16	1 1/4	47
3	Wistful	P	20	4 1/2	5-1/16	1 1/4	64
207	Wayward	P	19 1/2	3	3 5/8	1 1/4	47
5	Ward	P	18 1/4	2 1/4	2 5/8	1	36
*	Ward	R	18 1/4	2 1/4	4	2-1/16	38
208	Wicket	P	18	2 1/2	4-3/16		63
4	Wrap	P	18	3 1/2	2-15/16	1 1/4	43
*761	Wroth	R	18	3 1/2	4	2-1/16	60
212	Volley	P	16 3/4	2 1/2	4-9/16	3/4	47
101	Wimble	P	16 1/2	2 3/8	2 3/8		88
271	Whisper	P	16	3	3-15/16		84
215	Whiskey	P	16	1 1/2	2-15/16		34
6	Whimper	P	16	1 3/4	2 1/4		15
8	Whimsey	P	15 1/2	2 1/2	2 1/2	7/8	25
216	Wherry	P	15 1/4	1 1/2	2 1/2		12
859	Volute	P	15	3	3 3/4	2-11/16	46
217	Whelp	P	14 3/4	2 1/2	2 1/4		26
104	Weekday	P	14	1 3/4	2 5/8	7/8	19
218	Wedlock	P	14	1 3/4	4 7/8	1-1/32	22
*102	Weapon	R	14	2 3/4	4	2-1/16	31
*103	Whisk	R	14	3 1/2	4	2-1/16	42
9	Woodland	P	14	3 1/2	4-1/16	1-3/16	33
10	Waddle	P	14	2 1/2	3-1/16	1-3/16	27
219	Wave	P	14	2	2-3/16		13
220	Waterman	P	13 3/4	2 1/2	3 1/8		27
295	Vortex	P	13 1/2	2 1/2	2 3/4	1	16
292	Vouch	P	13	3 1/8	3 1/8		27
*107	Waterspout	R	12	3	4-1/16	2-1/16	27
108	Watchword	P	12	3	4-1/16	1 1/4	25
245	Waver	P	12	3	3-5/16	1-3/16	19
L195	Whet	P	12	2 1/2	3 1/8	1 1/4	25
109	Watch	P	12	2 1/4	4	13/16	19
*110	Watchful	R	12	2 1/4	4	2-1/16	21
11	Wolf	P	12	2	2-5/16	13/16	16
106	Watchman	P	12	6	6 5/8		66
223	Wardrobe	P	11 1/4	4 1/4	3-11/16	1 1/4	36
13	Weevil	P	11	2 3/4	3	1-3/16	19
14	Wadding	P	11	4 1/2	4 7/8	13/4	38
224	Waffle	P	10 1/2	2 3/4	3 1/4	1-1/16	18
112	Warren	P	10	2 1/2	2-11/16	1 1/4	20
273	Wallflower	P	10	2 1/2	3-3/16		15
244	Wrap	P	10	2 3/8	2 5/8	1	14

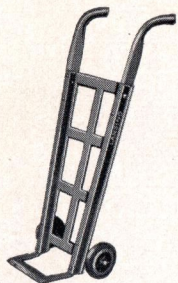
All Roller Bearing Wheels marked * have a chilled hub and bore tapered 2-inch to 2-1/16-inch.

Roller Bearing tapered 1-7/16-inch to 1 3/8-inch.

Cast Iron Wheels—Continued

No.	Cipher	Roller or Plain Bearing	Diameter in Inches	Face in Inches	Length of Hub, Inches	Bore in Inches	Weight in Pounds
226	Whistle	P	9 $\frac{3}{4}$	2	3-1/16		14
113	Whitlow	P	9 $\frac{3}{4}$	3	3 $\frac{1}{4}$	1 $\frac{1}{4}$	20
*114	Whiting	R	9 $\frac{3}{4}$	3	4	2-1/16	21
115	Whortleberry	P	9	2 $\frac{1}{2}$	2 $\frac{7}{8}$		12
15	Widgeon	P	9	1 $\frac{1}{2}$	2-1/16	25/32	9
18	Warlike	P	9	2 $\frac{1}{2}$	3 $\frac{7}{8}$	25/32	13
17	Wordiness	P	8 $\frac{3}{4}$	2 $\frac{1}{2}$	3-1/16		14
116	Workshop	P	8 $\frac{1}{2}$	2 $\frac{1}{2}$	3		18
118	Workman	P	8	2 $\frac{3}{4}$	2-15/16		16
119	Worshipping	P	8	5	4-5/16		33
121	Worthless	P	8	1 $\frac{3}{4}$	2-5/16	7/8	7 $\frac{1}{2}$
232	Witty	P	8	2	2 $\frac{1}{4}$		9
122	Whir	P	7 $\frac{3}{4}$	2	2 $\frac{1}{2}$		9
124	Warfare	P	7 $\frac{1}{2}$	2 $\frac{1}{2}$	2-15/16	25/32	9 $\frac{1}{2}$
127	Witchcraft	P	7 $\frac{1}{2}$	2	2-7/16		7
233	Workmanship	P	7 $\frac{1}{4}$	2	2-7/16		8
234	Waltz	P	7	1 $\frac{3}{4}$	2-7/16		6 $\frac{1}{2}$
274	Wrongful	P	7	1 $\frac{3}{4}$	2 $\frac{7}{8}$		5 $\frac{1}{2}$
20	Windpipe	P	7	1 $\frac{1}{4}$	1-7/16	21/32	4 $\frac{1}{4}$
275	War	P	6 $\frac{3}{4}$	2 $\frac{1}{4}$	2 $\frac{1}{2}$		7
276	Vicar	P	6 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{7}{8}$		11
129	Vibrate	P	6 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$		5
133	Viand	P	6	1 $\frac{1}{2}$	1-11/16		6
22	Walrus	P	6	1 $\frac{1}{8}$	1-5/16	5/8	3 $\frac{1}{4}$
134	Viaduct	P	6	3	3 $\frac{1}{4}$	21/32	12
23	Veteran	P	6	1 $\frac{1}{4}$	1-7/16	21/32	4
135	Veto	P	6	3	3 $\frac{1}{4}$	21/32	6 $\frac{1}{2}$
136	Wallup	P	6	2 $\frac{1}{2}$	2-9/16		6
137	Viceroy	P	6	2 $\frac{3}{4}$	3 $\frac{1}{8}$		9
138	Victim	P	6	2	2-7/16	21/32	5
139	Vestment	P	5 $\frac{3}{4}$	4	4 $\frac{3}{8}$		12
278	Victuals	P	5 $\frac{3}{4}$	1 $\frac{1}{2}$	2		4 $\frac{1}{2}$
141	Vestry	P	5	2 $\frac{1}{2}$	3 $\frac{1}{2}$		7 $\frac{1}{2}$
143	Ventricle	P	5	1 $\frac{1}{2}$	2 $\frac{1}{2}$		9 $\frac{1}{2}$
144	Varicose	P	5	2	2-9/16		5
145	Victor	P	5	1 $\frac{3}{4}$	2-3/16		4
146	Veterinary	P	5	1	2-3/16		3
147	Wildcat	P	5	1 $\frac{1}{4}$	1 $\frac{3}{8}$	11/16	2 $\frac{1}{4}$
279	Vesture	P	4 $\frac{3}{4}$	1 $\frac{1}{2}$	2-3/16		2 $\frac{1}{2}$
149	Vessel	P	4 $\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$		2 $\frac{1}{4}$
150	Verdigris	P	4 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{5}{8}$	15/8	7 $\frac{1}{2}$
151	Vermin	P	4 $\frac{1}{2}$	1 $\frac{1}{2}$	1-9/16	13/16	2 $\frac{1}{2}$
152	Vestal	P	4 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$		2 $\frac{3}{4}$
154	Veneering	P	4 $\frac{1}{2}$	1	1 $\frac{1}{8}$		1 $\frac{1}{4}$
280	Venerate	P	4 $\frac{1}{2}$	1 $\frac{3}{4}$	2-1/16		3 $\frac{1}{2}$
155	Vest	P	4 $\frac{1}{2}$	1 $\frac{1}{2}$	1-11/16	13/32	2
189	Veranda	P	4 $\frac{1}{4}$	3	3 $\frac{1}{8}$		6
281	Venerable	P	4	1 $\frac{1}{2}$	1 $\frac{5}{8}$		13 $\frac{1}{4}$
158	Wainscot	P	4	2 $\frac{1}{2}$	2 $\frac{1}{2}$		3 $\frac{1}{4}$
159	Vesper	P	4	2	2		2 $\frac{3}{4}$
163	Verbena	P	4	1 $\frac{1}{2}$	1 $\frac{1}{2}$		2 $\frac{1}{4}$
282	Vesicle	P	4	1	1 $\frac{3}{4}$		1 $\frac{1}{2}$
167	Veneer	P	4	1	1-1/16		1 $\frac{1}{4}$
168	Voyage	P	3 $\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$		3
172	Verbatim	P	3 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$		1 $\frac{1}{2}$
173	Vertigo	P	3 $\frac{1}{2}$	2	2	9/16	2 $\frac{3}{4}$
176	Verger	P	3 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$		1 $\frac{1}{4}$
177	Vertex	P	3	1 $\frac{3}{4}$	2 $\frac{1}{4}$		2 $\frac{1}{4}$
182	Varlet	P	3	1 $\frac{1}{2}$	1-9/16		1 $\frac{1}{4}$
183	Vertebra	P	2 $\frac{7}{8}$	1	1 $\frac{5}{8}$		3 $\frac{1}{4}$
190	Vermifuge	P	2 $\frac{1}{2}$	1	1-3/16		1 $\frac{1}{2}$
188	Ventriloquist	P	2 $\frac{1}{4}$	1	1		1 $\frac{1}{2}$
191	Verse	P	2	1	1 $\frac{1}{8}$		1 $\frac{1}{2}$
187	Vermicelli	P	1 $\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$		3 $\frac{1}{4}$

All Roller Bearing Wheels marked * have a chilled hub and bore tapered 2-inch to 2-1/16-inch.
Roller Bearing tapered 1-7/16-inch to 1 $\frac{3}{8}$ -inch.



Atlantic Bag Truck

Fig. 2001

The frame including cross members and center strap is of pressed steel, electrically welded together (not riveted) into one unit.

Length, 47 inches. Width at top of handles, 19 inches. Width at nose, 11½ inches. Length of nose, 6 inches. Axle, ¾-inch square. 6-inch iron or demountable rubber wheels.

Weight, 40 lbs.



Fig. 2002

Lanco Single Handle Truck

A sturdy hand truck for handling small items that require quick, fast handling. Weighs only 18 lbs. Built of one-inch diameter piping; is 43 inches high overall; 13¾ inches wide, with nose 4 inches deep. Solid rubber 5-inch wheels, 1½-inch face.

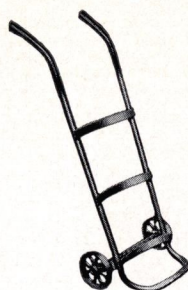


Fig. 2003

Howell Steel Bag Truck

Here is an all steel Bag Truck sturdily made yet it costs no more than a wood Bag Truck. 42-inch handles forged from 1¼-inch pipe. Width at handle end, 16 inches; width at nose end, 12 inches. Length of nose, 5 inches. Wheels, 6-inch diameter. Weight, 28 lbs.



Fig. 2004

St. Paul Bag Truck

Handles are 52 inches long. Wheels, 8½-inch in diameter. Nose, 9 inches long. Width at nose, 15 inches. Weight, 55 lbs.

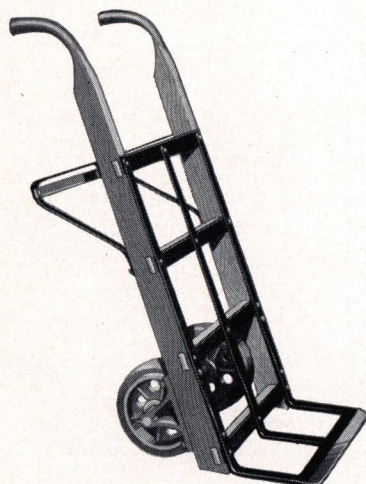


Fig. 2005

Gulf Bag Truck

A heavy duty Bag Truck that will handle several bags of grain or feed at one time. Also handy for boxes, crates, etc.

Handles are 52 inches long. Width of truck, 20 inches. Nose, 9½ inches long with rounded corners. Can be furnished with a 10-inch diameter by 3-inch face iron or molded rubber wheel with Hyatt Roller Bearings and dust proof washers. Weight, 90 lbs.

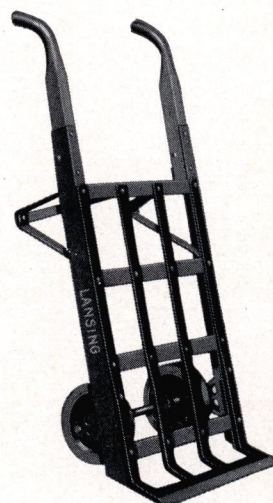


Fig. 2006

Railroad Truck

A truck with extra heavy legs and leg-braces. Handles are angle iron with wood hand holds, and 60 inches long. Cross bars of heavy angle iron.

Nose of ¾-inch steel.

Width of truck—24 inches.

Axles of 1¼-inch round.

Wheels — 10-inch molded rubber tires, with Hyatt Bearings.

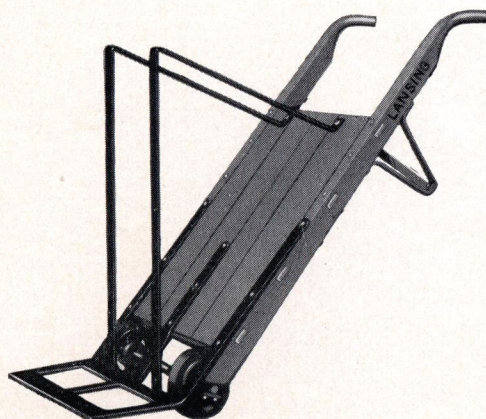


Fig. 2007

International Truck

Built especially for the handling of sacks of salt, feed, etc., as well as cartons. One truck can be used with a number of platforms.

International is 24 inches wide with 60-inch handles; strong steel nose of right length and angle, so a platform loaded high with sacks or cartons, can be easily handled. Has molded rubber wheels, Hyatt Roller Bearings.



Fig. 2036

No. 2036 Platform Truck

A small truck that can be used in the most crowded stores. Made especially to be used where the aisles are narrow and space is at a premium, yet it will carry as much as a truck twice its size due to the high racks on both ends. Platform, 20-inches x 36-inches. Wood top, 1-inch hardwood. Racks on each end, 36 inches high with pipe handle. 8-inch pressed steel casters with solid rubber tired wheels—roller bearing. Weight, 60 lbs.

INDEX

	Page		Page		Page
Box, Mortar	82	Tampers	57	Reynolds	25-29
Brake, Truck	23	Trailers	20, 27, 33, 34	Reynolds, Depot	27
Carriers, Carboy, Stove	47	Tractor, Gasoline	31	Reynolds, Freight House	27
Trunk	38	Trucks	12-55, 62-63, 80	Reynolds, All Steel	35
Cars, Push	80	Accumulation	47	Scoop	55
Carts	5-11	Ash Can	22	Sheet Metal	37
Concrete	81	Automobile	39	Steel, All	18-20, 34, 35
Contractor's Tool	8	Bag	12, 18	Stone	42
Contractor's Dump	63	Bakers' Can	26	Stove	48
Farm	9	Bar Iron	39	Tobacco	41, 43
Fat	51	Barrel	13, 15-19, 50	Trailer	20, 27, 33, 34
Fertilizer	9	Beer Keg	18	Tramway	63
Gas Fitters' Tool	8	Boston Pattern	14, 15	Wagon	37
Golf	11	Box	41, 47, 48	Wall Paper	37
Hand	5-11	Builders'	41	Welders, Tank	20
Ice	45	Butter	15	Western Pattern	12-13, 15, 49
Lawn	8, 10	Cargo	16-18, 22	Tub, Mortar	82
Lumber	62-63	Cask	16	Turntable, Industrial	79
Pottery	29	Cheese	48	Wagons, Baggage and Express	44, 45
Pick-Up	63	Chicago Stevedore	22	Stave	64
Street Cleaners	10-11	Clamp	21	Wheelbarrows	
Water or Barrel	10	Coal	80	Brick	68
Casters	88-92	Core Oven	39	Canal	65, 66
Automobile	79	Cotton	15	Charging	78
Chutes, Coal	84-85	Dish	49	Coal	75, 76, 78, 79
Chutes, Concrete	82	Dock	16-18, 46	Concrete	73-75
Dollies, Timber	40	Dry Goods	42-43	Garden	65, 66
Fence Machines	57	Dump	80	Gas Retort	77
Hods, Brick and Mortar	61	Feed or Grain	16	Golf	71
Hoists	83	Forge Shop	39	Greenhouse	67
Mill, Cider	5	Foundry	39	Lawn	67
Mixers, Concrete and Mortar	82-83	Furniture	47	Machine Shop	79
Planks, Folding	85	Gear	42	Malt	70
Pokes, Horse	57	Grain, California	22	Manhattan	68
Presses, Fruit	5	Grain Wagon	37	Mortar	73
Racks, Wood	26	Grocers, Wholesale	45	Packing House	50-54
Steel	26	Hardware	47	Pig Iron	67-69, 78
Bakers' Can	26	Hotel	49	Sawdust or Shavings	70
Adjustable	26	Hopper	40	Scrap Iron	70
Pottery	28, 29	Ice Cream	28	Stable	66
Rake, Wood	56	Keg	18, 22, 50	Stave	64
Repairs for Reynolds Trucks	99	Library	38	Steel Tray, Wood Frame	71-74
Tubular Barrows	99	Lumber	62-63	Stone	69
Roller, Car Door	48	Meat (See Packers)	28	Struck Measure	74
Roller, Lawn	11	Milk Crate	28	Three Wheel	68
Roller, Linoleum	56	New York Pattern	14, 16	Tubular	75-78
Scrapers		Office	38	Wharf	69, 70
Board	60	Packers'	50-54	Wheels	
Drag	58-60	Paper	20, 40	Car	96
Fresno	61	Platform	25-30, 35-37, 43, 46, 47, 54	Cart	94, 95
Snow	56	Pole	62	Fibre	86
Skids, Barrel	56	Post Office	43	Rubbered	86, 87, 93
Skids, Dead	32	Pottery	28, 29	Truck	96-98
Skids, Live	31, 32	Radiator	20	Wagon	94, 95
Stand, Tray	49	Refrigerator	21	Wheelbarrow	93

INDEX TO FIGURE NUMBERS

Fig.	Page	Fig.	Page	Fig.	Page	Fig.	Page	Fig.	Page	Fig.	Page	Fig.	Page	Fig.	Page	Fig.	Page
1	57	80	44	179	7	306	94	503	39	652	17	792	49	846	46	934	11
2	57	81	27	209	71	307	93	506	47	653	17	793	12	847	51	935	65
3	5	82	44	221	65	308	93	507	66	660	17	794	70	849	76	936	67
4	5	83	44	223	67	309	94	510	39	671	17	795	34	851	95	937	68
5	6	84	44	224	69	352	8	516	67	673	55	796	34	852	83	938	71
6	10	85	47	225	69	375	95	524	89	674	55	797	27	854	83	940	73
7	10	87	42	229	70	376	95	525	96	675	54	799	33	855	83	942	77
13	7	88	22	234	64	379	62	526	81	676	54	801	20	858	18	943	81
15	56	89	43	236	69	390	92	527	88	681	73	802	47	859	18	944	76
16	8	91	38	237	69	421	77	528	81	700	14	803	71	860	18	945	74
18	6	92	42	238	70	428	41	529	79	724	89	804	73	861	19	946	80
22	89	96	42	239	64	432	26	530	81	730	57	805	54	862	18	947	82
30	12	97	41	241	66	438	9	551	64	731	57	806	82	901	8	948	82
31	12	98	40	242	68	439	13	600	65	732	18	810	5	902	9	949	85
32	13	99	40	244	63	441	12	601	58	733	18	811	5	903	10	950	19
33	13	100	22	245	68	442	49	602	58	734	17	813	5	904	11	951	85
34	13	103	50	247	66	443	26	603	59	735	35	814	7	905	18	952	31
35	14	104	50	248	10	444	26	604	59	736	27	815	33	906	20	953	16
36	14	107	40	249	15	446	43	604	59	737	45	816	56	907	20	954	85
37	12	111	41	250	45	449	47	605	60	738	22	817	60	908	21	955	57
38	7	121	61	256	78	450	53	606	60	739	42	818	61	910	11	956	29
39	22	123	41	257	79	451	48	623	41	740	49	819	76	911	21	957	20
40	25	124	57	258	78	461	91	624	89	742	40	820	79	912	21	959	43
41	12	126	41	262	53	462	91	627	88	744	60	822	41	913	19	960	71
42	22	136	51	265	86	463	91	628	86	747	61	823	20	914	22	961	23
43	15	137	50	266	86	464	91	629	59	748	63	824	76	915	22	962	23
45	16	138	51	271	67	465	91	630	68	754	81	825	28	916	30	963	87
46	12	142	50	273	69	466	91	631	16	755	82	826	28	917	30	964	87
48	47	143	51	276	70	467	91	632	73	756	79	827	88	918	31	965	87
49	16	148	63	277	54	468	91	633	74	758	83	828	53	919	32	972	71
50	12	154	63	278	78	469	91	634	66	759	86	829	28	920	32	973	32
52	52	157	62	279	52	470	91	635	48	760	9	830	96	921	28	980	45
55	51	158	52	280	64	471	91	638	16	762	86	831	86	922	39	990	34
60	39	159	50	283	75	472	91	639	59	768	62	832	89	923	38	991	40
61	50	162	10	284	78	473	91	640	59	769	90	833	89	924	46	1000	19
64	26	163	15	285	75	474	91	641	6	770	94	834	94	925	29	1010	35
67	15	164	41	287	80	475	91	642	74	782	54	835	95	926	43	1020	53
68	50	165	39	290	92	476	91	643	8	783	90	836	94	927	88	1027	88
70	37	170	47	294	84	477	91	644	37	784	90	837	95	928	48	1090	36
71	37	172	14	295	84	479	91	646	40	785	90	838	95	929	49	1127	88
73	42	173	80	296	84	480	91	648	73	786	90	841	52	930	54	1227	88
75	41	175	22	297	84	481	91	649	75	788	61	843	36	931	56	1937	21
78	41	176	22	299	80	490	92	650	77	790	94	844	46	932	56	1940	21
79	41	177	6	304	95	502	25	651	77	791	48	845	33	933	56		

